

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

C Number: C03098C
Lock Date: 06/01/1992
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 03/09/1995

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 647 HISTO: 9000002
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Brain	Neuron	Necrosis	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Skin	Subcut Tiss	Lymphangiectasis	Moderate

PRIMARY CAUSE OF DEATH

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Animal Note: DEATH DUE TO PITUITARY AND ISLET TUMORS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000003

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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9000004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1	SEX: Male	DAY ON TEST: 726
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000005

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	* 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

Harderian Gland	* Mammary Gland		
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Minimal
	[Carcinoma TGLS = 6-10]		
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Note: MULTIPLE FOCI		
	[Eosinophilic Focus TGLS = 2,7-11+1]		
	[Hepatocellular Adenoma TGLS = 1,3,5-8+2+11]		
	[Hepatocellular Carcinoma TGLS = 4-9]		
* Preputial Gland	Duct	Ectasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 726
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000006

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
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Minimal	
* Kidney	Nephropathy	Minimal	
* Liver	Clear Cell Focus		
	Eosinophilic Focus		
Note: ONE EACH FOR THE TWO SEEN GROSSLY			
Note: ADDITIONAL EOS FOCUS ON SLIDE 2			
[Clear Cell Focus TGLS = 2-9]			
[Eosinophilic Focus TGLS = 2-9]			
* Lung	Alveolar/Bronchiolar Carcinoma		
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2+8]			
* Preputial Gland	Duct	Ectasia	Minimal
* Thymus		Atrophy	Moderate
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9000007
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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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]			
* Preputial Gland	Duct	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9000008
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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
* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:50:30

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000009

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
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
Note: HETEROTOPIC BONE WITH MARROW		
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	Multiple
	Lymphoma Malignant Mixed	
	Mixed Cell Focus	
Note: MULTIPLE FOCI		
	[Hepatocellular Adenoma TGLS = 2,6-9]	
	[Mixed Cell Focus TGLS = 5,7-9+1]	
* Lung	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-8]	
Mesentery	Lymphoma Malignant Mixed	
* Pancreas	Lymphoma Malignant Mixed	
* Preputial Gland	Duct	Marked
	[Ectasia TGLS = 1-7]	
* Spleen	Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1	SEX: Male	DAY ON TEST: 727
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000009

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 3-1]

* Urinary Bladder

Lymphoma Malignant Mixed

PRIMARY CAUSE OF DEATH

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Animal Note: MIXED LYMPHOMA DX BASED UPON DISTRIBUTION, VARIETY OF CELLS

Animal Note: MIXED CELL INFILTRATES IN MANY MISC ORGANS

Animal Note: TRUE NODULE NOT FOUND; PRESUMED TO BE FOCAL HYPERPLASIA

Animal Note: UNUSUAL APPEARANCE OF MIXED CELL PROLIFERATION

Animal Note: PRESUMED HYPERPLASIA NOT PRESENT ON CUT SECTIONS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 727
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000010

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2+8]			
* Preputial Gland	Duct	Ectasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000011

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	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Epididymis		Granuloma Sperm	Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000013

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	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
Note: MULTIPLE FOCI			
Mesentery	Fat	Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14

TRT#: 1

SEX: Male

DAY ON TEST: 540

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000014

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

Harderian Gland [Adenoma TGLS = 1-9]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
* Preputial Gland [Ectasia TGLS = 2-7]	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

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Animal Note: MORIBUND COND DUE TO HARDERIAN TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000015

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
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 7-9]		
	[Hepatocellular Adenoma TGLS = 2,3,4,5,6-1+8+9]		
* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland	Duct	Ectasia	Marked
	[Ectasia TGLS = 1-7]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Male

DAY ON TEST: 294

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* 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, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland * Mammary Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Esophagus	Periesoph Tiss	Cyst	Marked
		Inflammation	Suppurative, Minimal
Note: CYST KERATIN-FILLED			
Note: CYSTS FORMED BY APPARENT DIVERTICULUM, ASS'D WITH INFLAM			
Note: CYST HAS CARCINOMA-IN-SITU APPEARANCE			
[Cyst TGLS = 1-10]			
* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Suppurative, Mild
* Preputial Gland	Duct	Ectasia	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Marked
[Hyperplasia TGLS = 2-4+9]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MULTIPLE "FOCAL" LESIONS

Animal Note: SEVERE HYPERPLASIA/CARCINOMA-IN-SITU

Animal Note: MORIBUND COND CAUSED BY LUNG AND ESOPH LESIONS

Animal Note: ESOPH LESION PATHOGENESIS PRESUMED TO BE GAVAGE RELATED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9000017

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	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 1	SEX: Male	DAY ON TEST: 694
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9000019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLS = 4-8]		
	[Hepatocellular Adenoma TGLS = 3,5-8]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 2-2]		
* Preputial Gland	Duct	Ectasia	Marked
	[Ectasia TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: DEATH DUE TO LIVER, LUNG TUMORS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 726 HISTO: 9000020
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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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Cyst	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-1]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pancreas		Atrophy	Marked
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 1
DOSE: 0 MG/KG

SEX: Male
DISP: Natural Death

DAY ON TEST: 725
HISTO: 9000022

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea			

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	Metastatic (Skin)
* Heart		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Inflammation	Chronic Active, Moderate
Note: SUPPURATIVE INFLAMMATION			
[Inflammation TGLS = 3-1]			
* Liver		Hemangiosarcoma	Metastatic (Skin)
		Hepatocellular Adenoma	Multiple
[Hemangiosarcoma TGLS = 6-1]			
[Hepatocellular Adenoma TGLS = 4-2,7-9]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 8-8]			
* Spleen		Hemangiosarcoma	Metastatic (Skin)
		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 1

SEX: Male

DAY ON TEST: 725

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9000022

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: DEATH DUE TO URINARY TRACT INFECTION

Animal Note: HEMANGIOSARC CONTRIB TO DEBILITATION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000023

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
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Basophilic Focus TGLS = 2-9]			
[Eosinophilic Focus TGLS = 4-9]			
[Hepatocellular Adenoma TGLS = 3,5-8+9]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25	TRT#: 1	SEX: Male	DAY ON TEST: 727
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000025

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	* 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

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 6-9]			
[Hepatocellular Adenoma TGLS = 2,3,4,5-8+9+1]			
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000026

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	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
Note: MULTIPLE FOCI			
[Eosinophilic Focus TGLS = 3-1]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000028

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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000029

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, 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

Harderian Gland	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Cyst	
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 1,2-1+8]		
* Lung	Alveolar Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:50:30

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000030

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
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 2-1]			
[Hepatocellular Adenoma TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	Mesentery	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
Note: MULTIPLE CLEAR FOCI			
[Clear Cell Focus TGLS = 4-8]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery			
Note: NO EVIDENCE OF GROSS CYSTS ON CORRESPONDING BLOCK			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Sem Ves			
Note: SIMPLE DILATION; NO SIGNIFICANT PATHOLOGY			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000033

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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLS = 1-8]		
	[Mixed Cell Focus TGLS = 2-1]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 707

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lym Node Mesen			
Note: SOME EMH IN MESENTERIC NODE			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO LIVER TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000036

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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Prostate
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Spleen		Angiectasis	Moderate
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000037

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
		Hyperplasia	Minimal
Harderian Gland		Adenoma	
		Hyperplasia	Moderate
Note: MODERATE HYPERPLASIA-RIGHT			
Note: EARLY ADENOMA-LEFT			
[Adenoma TGLS = 1-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
Note: NUMEROUS CLEAR CELL FOCI			
[Clear Cell Focus TGLS = 3,5-2+10]			
[Hepatocellular Adenoma TGLS = 4,6-10+8]			
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 2-7]			
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000037

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Cecum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Intestine Small, Ileum		Lymphoma Malignant Mixed	
* Kidney		Cyst	
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Marked
Note: ALTERED CELL PATTERNS PRESENT ON SLIDES 2,8 ATTRIB TO TGL-3			
Note: TGL-2=MINUTE INFARCTED PROLIFERATIVE GROWTH			
[Hepatocellular Adenoma TGLS = 2,3-1]			
[Necrosis TGLS = 2,3-8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:50:30

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 39	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 680 HISTO: 9000039
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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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
Penis	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hemangioma	
		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Lymphocytic	
[Basophilic Focus TGLS = 6,7,10-12+13]			
[Hemangioma TGLS = 5-1]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Lymphoma Malignant Lymphocytic	
[Alveolar/Bronchiolar Carcinoma TGLS = 8-9]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 2-6]			
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 9-11]			
* Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4-4]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Male

DAY ON TEST: 680

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000039

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO THYMIC LYMPHOMA

Animal Note: FOREIGN MATERIAL IN SUBMUCOSAL LOCATION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 1	SEX: Male	DAY ON TEST: 727
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000040

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	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Ito Cell Tumor Nos	Multiple
		Mixed Cell Focus	
[Ito Cell Tumor Nos TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			
* Testes		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000041

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
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 2-1]		
	[Hepatocellular Carcinoma TGLS = 3-8]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Preputial Gland	Duct	Ectasia	Marked
	[Ectasia TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 726
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000042

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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Lymph Node, Mesenteric	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Hyperplasia	Minimal
	Note: POSSIBLE MILD "HYDRONEPHROSIS"	Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-8]		
* Preputial Gland	Duct	Ectasia	Moderate
	[Ectasia TGLS = 1-7]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9000043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 1	SEX: Male	DAY ON TEST: 727
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000045

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	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Cyst	
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
Note: MULTIPLE FOCI [Hepatocellular Adenoma TGLS = 1,2,3-8+9+10]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000046

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	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Intestine Small, Duodenum		Adenoma	
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000047

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	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Note: MULTIPLE FOCI; BORDERLINE FOR ADENOMA [Eosinophilic Focus TGLS = 2,3-1]			
* Lym Node Mesen			
Note: MESENTERIC NODE: PLASMACYTOSIS			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000048

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, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-9]			
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Marked
Note: CYSTIC DUCT BILATERAL			
[Ectasia TGLS = 1-8]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000049

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	* 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

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: TGL-3: EOS FOCUS-SLIDE 2; ADENOMA-SLIDE 9			
Note: MULTIPLE EOS FOCI/EARLY ADENOMAS			
[Eosinophilic Focus TGLS = 3,4-2+9]			
[Hepatocellular Adenoma TGLS = 1,2,3-8+9]			
* Preputial Gland	Duct	Ectasia	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 1	SEX: Male	DAY ON TEST: 726
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000050

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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000052

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
* 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
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla	Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Cyst	
		Nephropathy	Minimal
[Cyst TGLS = 2-1]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9000053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 700

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9000054

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
Penis	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

Harderian Gland * Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Inflammation	Chronic Active, Moderate
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Inflammation	Chronic Active, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 5-9]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLS = 6-2]		
Penis			
	Note: "PROLAPSE", NOTED GROSSLY RARELY TRANSLATES TO MICRO LESION		
* Preputial Gland	Duct	Ectasia	Marked
	[Ectasia TGLS = 2-6]		
* Seminal Vesicle		Inflammation	Chronic Active, Mild
	Note: ENLARGEMENT DUE TO DILATATION		
	[Inflammation TGLS = 4-8]		
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54

TRT#: 1

SEX: Male

DAY ON TEST: 700

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9000054

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Dysplasia

Minimal

* Urinary Bladder

Inflammation

Chronic Active, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO LIVER, LUNG TUMORS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:30
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-8]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-2]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-10]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Sem Ves			
Note: MARKED DILATATION NOTED			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56

TRT#: 1

SEX: Male

DAY ON TEST: 683

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9000056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Leukemia Lymphocytic	
* Heart		Leukemia Lymphocytic	
[Leukemia Lymphocytic TGLS = 5-8]			
* Kidney		Nephropathy	Minimal
Note: LEUKEMIA PRESENT			
* Liver		Hepatocellular Adenoma	
		Leukemia Lymphocytic	
[Hepatocellular Adenoma TGLS = 4-1]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Lymphocytic	
[Alveolar/Bronchiolar Adenoma TGLS = 6-2]			
* Lymph Node, Mandibular		Leukemia Lymphocytic	
* Lymph Node, Mesenteric		Leukemia Lymphocytic	
* Preputial Gland	Duct	Ectasia	Marked
Note: ALSO MALIG LYMPH INFILTRATE			
[Ectasia TGLS = 3-6]			
* Spleen		Leukemia Lymphocytic	
[Leukemia Lymphocytic TGLS = 2-1]			
* Thymus		Leukemia Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 1	SEX: Male	DAY ON TEST: 683
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9000056

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urin Bladder			

Note: MARKED MALIG LYMPH INFILTRATE

PRIMARY CAUSE OF DEATH

-

Animal Note: MALIG LYMPH NODULES OR INFILTRATES IN MOST TISSUES
Animal Note: LEUKEMIA NOT CODED IN ALL ORGANS DUE TO REDUNDANCY
Animal Note: DEATH DUE TO LYMPH LEUKEMIA
Animal Note: MALIG LYMPHOCYTES IN MANY MISC NODES
Animal Note: LEUKEMIA (NOT MALIG LYMPH) DX'ED DUE TO DISSEMINATED PATTERN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 727 HISTO: 9000057
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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	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
* Islets, Pancreatic	Adenoma	
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-9]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-8]		
* Preputial Gland	Duct	Ectasia
[Ectasia TGLS = 1-7]		Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58	TRT#: 1	SEX: Male	DAY ON TEST: 726
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 3-2]			
[Hepatocellular Adenoma TGLS = 4,5-1+9]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-8]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Parathyroid Gl			
Note: CYST NOTED			
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			
* Spleen		Hyperplasia	Lymphoid, Mild
Tooth		Odontoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58

TRT#: 1

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000058

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: POSSIBLE EARLY LYMPHOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59	TRT#: 1	SEX: Male	DAY ON TEST: 727
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000059

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
* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
Note: ACTUALLY, HYPERPLASIA OF ALV-BRONCH EPITHELIUM			
* Preputial Gland	Duct	Ectasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 1	SEX: Male	DAY ON TEST: 726
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8+2]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62	TRT#: 1	SEX: Male	DAY ON TEST: 449
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9000062

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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland		Cyst	
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH (ACCIDENTAL) DUE TO ANESTHESIA/HYPOXIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000063

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
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Intestine Small, Ileum	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Histiocytic Sarcoma	
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Histiocytic Sarcoma	
[Hepatocellular Adenoma TGLS = 3,5-8+9]			
[Histiocytic Sarcoma TGLS = 4-1+2+8+9]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
* Sem Ves			
Note: MICRO: SIMPLE DILATATION			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-1]			

PRIMARY CAUSE OF DEATH -

Animal Note: ONLY 1 ADRENAL PRESENT FOR EXAM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64

TRT#: 1

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 2-8]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Marked
	[Ectasia TGLS = 1-7]		
* Testes		Atrophy	Mild
Note: UNILAT ATROPHY			

PRIMARY CAUSE OF DEATH -

Animal Note: LESION (TGL-3) APPARENTLY CUT AWAY AT MICROTOMY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65

TRT#: 1

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Minimal
[Carcinoma TGLS = 4-10]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
Note: MULTIPLE FOCI			
[Hepatocellular Adenoma TGLS = 2,3-8+9]			
* Pancreas		Atrophy	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
* Sem Ves			
Note: SIMPLE DILATATION			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66

TRT#: 1

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-8]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 1-1]			
[Histiocytic Sarcoma TGLS = 1-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9000068

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	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
Note: FATTY CHANGE PROBABLY CONTRIBUTES TO TGL-2 [Hepatocellular Adenoma TGLS = 1-1] [Hyperplasia TGLS = 2-1+2]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69

TRT#: 1

SEX: Male

DAY ON TEST: 447

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9000069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* 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

Harderian Gland	* Intestine Large, Colon	* Mammary Gland
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OBSERVATIONS

* Heart		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-1+2]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-8]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: HISTIO SARC IN MULTIPLE BLOOD VESSELS

Animal Note: DEATH DUE TO HISTIO SARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70

TRT#: 1

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000070

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
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymsus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
Note: MULTIPLE FOCI			
[Hepatocellular Adenoma TGLS = 3-8]			
* Lung		Embolus	Moderate
Note: The material appears to be within vessels and amorphous except for endothelial cell recanalization.			
Note: The tinctorial and morphological appearance suggests cartilage of unknown origin.			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 2-7]			
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000141

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	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Cyst	
		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: 1X1X1 MM LESION NOT FOUND, PRESUMED CUT AWAY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 726
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
Note: HETEROTOPIC BONE PRESENT			
* Preputial Gland	Duct	Ectasia	Marked
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
		Squamous Cell Papilloma	
[Hyperplasia TGLS = 2-4]			
[Squamous Cell Papilloma TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			
* Stomach, Glandular		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000144

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	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocholangiocarcinoma	
[Hepatocholangiocarcinoma TGLS = 1-8]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Marked
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

Animal Note: HYPERPLASTIC AREA OVERLYING MICROABSCCESS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	Minimal
* Liver		Mixed Cell Focus	
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: FOCAL C-A INFLAM OF SUBMUCOSAL DUCT AREA NOTED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 532

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000146

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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-9]			
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO LIVER TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:50:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Bone Marrow

* Gallbladder

* Intestine Large, Rectum

* Islets, Pancreatic

* Lymph Node, Mandibular

* Parathyroid Gland

* Seminal Vesicle

* Stomach, Glandular

* Trachea

* Adrenal Medulla

* Brain

* Heart

* Intestine Small, Duodenum

* Kidney

* Lymph Node, Mesenteric

* Pituitary Gland

* Skin

* Testes

* Urinary Bladder

* Blood Vessel

* Epididymis

* Intestine Large, Cecum

* Intestine Small, Ileum

* Liver

* Nose

* Prostate

* Spleen

* Thymus

* Bone

* Esophagus

* Intestine Large, Colon

* Intestine Small, Jejunum

* Lung

* Pancreas

* Salivary Glands

* Stomach, Forestomach

* Thyroid Gland

MISSING

Harderian Gland

* Mammary Gland

OBSERVATIONS

* Preputial Gland

Duct

Ectasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000148

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	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-8+9]			
* Preputial Gland	Duct	Ectasia	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 3,4-10+4]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TWO HYPERPLASTIC FOCI; ONE WITH ABSCESS/ULCER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG FEED RTD	DISP: Scheduled Sacrifice	HISTO: 9000149

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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Developmental Malformation	
* Lung		Granuloma	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000150

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Moderate
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Kidney		Cyst	
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-9]		Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Angiectasis	Minimal
		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:50:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 81

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Prostate
* Spleen
* Thymus

* Blood Vessel
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

MISSING

Harderian Gland

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Preputial Gland

Capsule
Duct

Hyperplasia
Nephropathy
Ectasia

Adenomatous, Minimal
Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 727
DOSE: 0 MG/KG FEED RTD **DISP:** Terminal Sacrifice **HISTO:** 9000152

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	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland * Mammary Gland

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
	Erythroid Cell	Hyperplasia	Marked
* Epididymis		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Adenoma	

Note: PRESENTATION OF NODULE MAKES EQUIVOCAL TUMOR

[Hepatocellular Adenoma TGLS = 2-8]

* Preputial Gland	Duct	Ectasia	Moderate
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[Ectasia TGLS = 1-7]

* Salivary Glands		Atrophy	Mild
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* Spleen		Hemangiosarcoma	
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* Stomach, Forestomach		Hyperplasia	Focal, Mild
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[Hyperplasia TGLS = 3-9]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:50:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 83

TRT#: 3

SEX: Male

DAY ON TEST: 24

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000153

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	* Nose	* Pancreas	Peripheral Nerve
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Preputial Gland	Duct	Ectasia	Marked
* Stomach, Glandular		Erosion	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORIBUND COND NOT DETERMINED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 3	SEX: Male	DAY ON TEST: 15
	DOSE: 0 MG/KG FEED RTD	DISP: Natural Death	HISTO: 9000154

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	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Depletion Lymphoid	Mild
* Stomach, Glandular		Erosion	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: COD UNDETERMINED; PARENCHYMAL ORGANS APPEAR ATROPHIED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 3	SEX: Male	DAY ON TEST: 7
	DOSE: 0 MG/KG FEED RTD	DISP: Dosing Accident	HISTO: 9000155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Esophagus	Periesoph Tiss	Inflammation	Suppurative, Minimal
* Lung			

Note: PMNS ADHERED TO PLEURA DUE TO MEDIASTINAL INFLAM

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO ESOPHAGEAL PERFORATION/DOSING TRAUMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86

TRT#: 3

SEX: Male

DAY ON TEST: 15

DOSE: 0 MG/KG FEED RTD

DISP: Natural Death

HISTO: 9000156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Depletion Lymphoid	Mild
* Stomach, Glandular		Erosion	Minimal
* Testes		Hypoplasia	Mild
Note: UNILAT SMALL TESTIS, BUT SEM TUBULES APPEAR NORMAL [Hypoplasia TGLS = 1-6]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: COD UNDETERMINED; PARENCHYMAL ORGANS APPEAR ATROPHIED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87

TRT#: 3

SEX: Male

DAY ON TEST: 15

DOSE: 0 MG/KG FEED RTD

DISP: Natural Death

HISTO: 9000157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* 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, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Preputial Gland	Duct	Ectasia	Minimal
* Spleen		Depletion Lymphoid	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: COD UNDETERMINED; PARENCHYMAL ORGANS ATROPHIED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88

TRT#: 3

SEX: Male

DAY ON TEST: 24

DOSE: 0 MG/KG FEED RTD

DISP: Natural Death

HISTO: 9000158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

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

* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Depletion Lymphoid	Mild
* Stomach, Glandular		Erosion	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: COD UNDETERMINED; PARENCHYMAL ORGANS ATROPHIED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000159

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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
Note: SLIDE 8 INTERPRETED TO BE TWO SECTIONS OF SAME MASS [Alveolar/Bronchiolar Carcinoma TGLS = 2-8]			
Mesentery	Fat	Inflammation	Chronic Active, Mild
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000160

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

Harderian Gland	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000161

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-8+2]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Preputial Gland	Duct	Ectasia	Marked
	[Ectasia TGLS = 2-7]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland	* Prostate
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Esophagus	Periesoph Tiss	Inflammation	Suppurative, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-1+2]			
* Preputial Gland	Duct	Ectasia	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: STOM LESION IS BARELY PERCEPTIBLE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000163

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
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG FEED RTD	DISP: Scheduled Sacrifice	HISTO: 9000164

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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000165

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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Cyst	
		Mixed Cell Focus	
[Cyst TGLS = 2-2]			
[Mixed Cell Focus TGLS = 1-1]			
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96	TRT#: 3	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000166

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	* Liver	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
		Hyperplasia	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-4]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97	TRT#: 3	SEX: Male	DAY ON TEST: 726
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000167

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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* 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
* Pancreas		Atypia Cellular	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000171

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland [Adenoma TGLS = 1-8]	Adenoma	
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney [Cyst TGLS = 2-9]	Cyst Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000172

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

Harderian Gland	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Prostate
* Spleen
* Thymus

* Blood Vessel
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

Harderian Gland

* Mammary Gland

OBSERVATIONS

* Kidney
* Preputial Gland

Duct

Nephropathy
Ectasia

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000174

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, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Moderate
* Stomach, Forestomach		Infiltration Cellular	Mast Cell, Mild
		Mast Cell Tumor Benign	

[Mast Cell Tumor Benign TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

Animal Note: FOCAL HYPERPLASIA OVERLYING INFILTRATING MAST CELLS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000175

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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Moderate
[Ectasia TGLS = 1-7]			
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 2-4+8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: FOCAL HYPERPL ASS'D WITH MICROABSCCESS AND CHRONIC INFLAM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000176

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, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 3-8]		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-8]			

PRIMARY CAUSE OF DEATH -

Animal Note: TWO FOCI; ONE HYPERPL, ONE PAPILOMA FOR TGL-3

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000177

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, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
* Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 1-7]			
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000178

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	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Epididymis		Hemangiosarcoma	Metastatic (Bone Marrow)
[Hemangiosarcoma TGLS = 5-6]			
* Kidney		Lymphoma Malignant Mixed	
		Nephropathy	Minimal
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Pancreatic	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4-8+4+3]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4-8+4+3]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4-8+4+3]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Spleen		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

-

Animal Note: EARLY LYMPHOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000179

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	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
Note: MEDIAN CLEFT FATTY CHANGE=TENSION LIPIDOSIS			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 2-8]			
* Thymus	Mediastinum	Hemangioma	

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL PRESENT FOR EXAM

Animal Note: FOCAL LESION ASS'D WITH ABSCESS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000180

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL PRESENT FOR EXAM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000181

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, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Marked
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: 3 FOCI SEEN, WITH MICROABSCESSTION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000182

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000183

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	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-8]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 3,4-9]		
* Preputial Gland	Duct	Ectasia
[Ectasia TGLS = 1-7]		Marked
* Stomach, Forestomach	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 5-10]		

PRIMARY CAUSE OF DEATH

-

Animal Note: TWO FOCI OF HYPERPLASIA, ASS'D WITH MICROABSCCESS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000184

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

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-1+8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000185

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, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Marked
* Stomach, Forestomach		Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000187

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, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 3

SEX: Male

DAY ON TEST: 606

DOSE: 0 MG/KG FEED RTD

DISP: Natural Death

HISTO: 9000188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Brain	Neuron	Necrosis	Mild
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			
* Spleen		Depletion Lymphoid	Minimal
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 2-4+8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO NEURONAL NECROSIS

Animal Note: CAUSE OF NEURONAL NECROSIS NOT FOUND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000189

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, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Preputial Gland	Duct	Ectasia	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:50:31

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 120

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000190

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
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Necrosis	Mild
Note: TGL-1 IS CHRONIC NECROTIC ACCESSORY HEPATIC NODULE [Necrosis TGLS = 1-8]		
* Stomach, Forestomach	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 2-4]		

PRIMARY CAUSE OF DEATH

-

Animal Note: FOCUS ASS'D WITH MICROABSCCESS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121

TRT#: 3

SEX: Male

DAY ON TEST: 721

DOSE: 0 MG/KG FEED RTD

DISP: Natural Death

HISTO: 9000191

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	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney			
Note: HETEROTOPIC BONE NOTED			
* Liver		Hepatocellular Adenoma	
Note: LEFT LOBE EXTREMELY CONGESTED, POSS EARLY TORSION			
[Hepatocellular Adenoma TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO LIVER TUMOR/ACUTE HEPATIC CONGESTION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Mild
[Hepatocellular Carcinoma TGLS = 1,3-8+9, 2-10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 4-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TWO FOCI PRESENT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000194

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Intestine Large, Rectum	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver			
Note: FOCAL FATTY CHANGE INTERPRETED TO BE CLEFT/TENSION LIPIDOSIS			
* Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL PRESENT FOR EXAM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			
* Stomach, Forestomach		Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 3

SEX: Male

DAY ON TEST: 727

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Hyperplasia	Minimal
* Pituitary Gland	Pars Intermed	Nephropathy	Minimal
[Adenoma TGLS = 1-7]		Adenoma	
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* 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

* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 2-4]		Lymphoma Malignant Mixed	
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 1-8]		Lymphoma Malignant Mixed	
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG FEED RTD	DISP: Scheduled Sacrifice	HISTO: 9000198

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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129

TRT#: 3

SEX: Male

DAY ON TEST: 729

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000199

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	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 1 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000261

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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-8]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Clear Cell Focus TGLS = 2-1+8]			
[Eosinophilic Focus TGLS = 2-1+8]			
[Hepatocellular Adenoma TGLS = 2-8]			
[Mixed Cell Focus TGLS = 1,2-1+8]			

* Preputial Gland	Duct	Ectasia	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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
* 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

* Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 726

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000265

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Gallbladder	Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
Note: TGL-4 APPARENTLY CUT AWAY FROM BLOCK [Hepatocellular Adenoma TGLS = 2,3-8+9]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-10]			
* Seminal Vesicle		Adenoma	
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 541

DOSE: 1 MG/KG

DISP: Natural Death

HISTO: 9000266

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	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Gallbladder		Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 3-2]			
* Kidney		Necrosis	Moderate
Note: HEMOGLOBIN-INDUCED NEPHROSIS WITH FRANK NECROSIS			
[Necrosis TGLS = 1-1]			
* Liver		Hepatocellular Carcinoma	
Note: TUMOR/ANEMIA-ASSOCIATED NECROSIS			
[Hepatocellular Carcinoma TGLS = 4-10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: METASTASIS-ASSOC HEMORRHAGE			
* Preputial Gland	Duct	Ectasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-9]			
* Thymus		Atrophy	Moderate
* Urin Bladder			
Note: BLADDER WAS DISTENDED BY URINE			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136

TRT#: 5

SEX: Male

DAY ON TEST: 541

DOSE: 1 MG/KG

DISP: Natural Death

HISTO: 9000266

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: DEATH DUE TO LIVER CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 5
DOSE: 1 MG/KG

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 405
HISTO: 9000267

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	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Carcinoma	
		Necrosis	Minimal
[Fatty Change TGLS = 2-1+2]			
[Hepatocellular Carcinoma TGLS = 1-8]			
Mesentery		Hemangiosarcoma	
Note: HEMANGIOSARC DX BASED UPON SIZE MORE THAN MORPHOLOGY			
[Hemangiosarcoma TGLS = 3-9]			
* Preputial Gland	Duct	Ectasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: MORIBUND COND DUE TO ANEMIA/HYPOXIA DUE TO HEMANGIOSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 705

DOSE: 1 MG/KG

DISP: Natural Death

HISTO: 9000270

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
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

Harderian Gland Note: APPEARS TO BE BILATERAL [Carcinoma TGLS = 1-8]		Carcinoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Adenoma	
Note: MULTIPLE FOCI [Eosinophilic Focus TGLS = 8,9-12+11] [Hepatocellular Adenoma TGLS = 7-1]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Preputial Gland [Ectasia TGLS = 2-6]	Duct	Ectasia	Marked
* Sem Ves Note: SIMPLE DILATATION			
* Spleen [Hemangiosarcoma TGLS = 3,4-9]		Hemangiosarcoma	Multiple
		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 705

DOSE: 1 MG/KG

DISP: Natural Death

HISTO: 9000270

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

* Urin Bladder

Note: SIMPLE DISTENSION WITH URINE

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO HEMANGIOSARC

Animal Note: SUPPURATIVE INFLAMMATION OF URETHRA NOTED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000271

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	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
	Hepatocyte	Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Mild
[Eosinophilic Focus TGLS = 5-8]			
[Hepatocellular Adenoma TGLS = 2-10,3-9,4-9]			
[Hyperplasia TGLS = 2-10,3-9,4-9,5-8]			
[Hypertrophy TGLS = 1-2+8+9+10]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* 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

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000274

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	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
<p>Note: BASOPHILIC CELLS ON SLIDE 2 INTERP AS PART OF TGL-2 TUMOR</p> <p>Note: MULTIPLE FOCI</p> <p>[Eosinophilic Focus TGLS = 4-1+9]</p> <p>[Hepatocellular Adenoma TGLS = 3-1]</p> <p>[Hepatocellular Carcinoma TGLS = 2-8]</p>			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas		Necrosis	Mild
* Preputial Gland	Duct	Ectasia	Marked
		[Ectasia TGLS = 1-7]	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000274

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 618

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	[Basophilic Focus TGLS = 2-1]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Note: MARKED TUMOR-ASSOC INFLAMMATION		
	[Alveolar/Bronchiolar Carcinoma TGLS = 3-9]		
* Nose		Inflammation	Suppurative, Mild
* Preputial Gland	Duct	Ectasia	Moderate
* Sem Ves			
	Note: SIMPLE DILATION		
* Stomach, Glandular		Inflammation	Chronic Active, Focal, Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO LUNG TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000276

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
Skeletal Muscle		Degeneration	Mild

Note: SKEL MUSC OF MASTICATION FROM NASAL SECTION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000278

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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-8]			
* Nose		Mast Cell Tumor Malignant	
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: INFILTRATING MAST CELLS ALSO IN KIDNEY, LIVER, L NODE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151

TRT#: 5
DOSE: 1 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 727
HISTO: 9000281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Moderate
* Skin	Subcut Tiss	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152

TRT#: 5

SEX: Male

DAY ON TEST: 692

DOSE: 1 MG/KG

DISP: Natural Death

HISTO: 9000282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	Multiple
Note: TGL-1 ALSO ON SLIDE 2 [Basophilic Focus TGLS = 3-1] [Hepatocellular Carcinoma TGLS = 1,2-8+9]			
* Preputial Gland	Duct	Ectasia	Minimal
* Saliv Glands			
Note: FOCAL PLUGGED DUCT			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO LIVER CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 669

DOSE: 1 MG/KG

DISP: Natural Death

HISTO: 9000285

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	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Liver		Hepatocellular Carcinoma Necrosis	Moderate
Note: SIGNIFICANT LIVER NECROSIS PRESENT [Hepatocellular Carcinoma TGLS = 1-1]			
* Preputial Gland	Duct	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO LIVER TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 156	TRT#: 5	SEX: Male	DAY ON TEST: 456
	DOSE: 1 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9000286

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Epididymis	Inflammation	Chronic Active, Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Fatty Change	Mild
[Eosinophilic Focus TGLS = 1-1+8]		
* Pancreas	Atrophy	Minimal
* Preputial Gland	Duct Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000287

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, 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

Harderian Gland	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Epididymis		Granuloma Sperm	Moderate
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 158

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000288

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
* 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

Harderian Gland [Carcinoma TGLS = 4-9]		Carcinoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney Note: HETEROTOPIC BONE NOTED		Nephropathy	Minimal
* Liver Note: LIVER MASS (SLIDE 2) INTERP TO BE PART OF MASS ON SLIDE 8 [Hepatocellular Adenoma TGLS = 2,3-1]		Eosinophilic Focus Hepatocellular Adenoma	
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland [Ectasia TGLS = 1-7]	Duct	Ectasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 5

SEX: Male

DAY ON TEST: 726

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000291

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	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Epididymis		Granuloma Sperm	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
Note: NO TUMOR ON SLIDE 09 [Hepatocellular Carcinoma TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL ON SLIDE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 709

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000292

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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Eye	Cornea	Necrosis	Minimal
[Necrosis TGLS = 5-9]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 6-11]			
[Hepatocellular Carcinoma TGLS = 4-10]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-7]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 709

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000292

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND COND DUE TO LIVER CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000293

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	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000294

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000295

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, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Intestine Large, Colon	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland			

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-1]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166

TRT#: 5

SEX: Male

DAY ON TEST: 604

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* 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

Harderian Gland	* Intestine Large, Cecum	* Mammary Gland
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Marked
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-8]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: MORIBUND COND DUE TO LIVER TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000297

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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 3,4-1]			
[Hepatocellular Adenoma TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* 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

Harderian Gland * Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-9]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Hepatocellular Adenoma TGLS = 2-8]		Hepatocellular Adenoma	
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 727
DOSE: 1 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9000299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Medulla	Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Clear Cell Focus TGLS = 2-1]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-8]			
* Thymus		Atrophy	Mild
Tooth		Dysplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170

TRT#: 5

SEX: Male

DAY ON TEST: 663

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000300

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Heart	Inflammation	Chronic Active, Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Marked
[Nephropathy TGLS = 4-1]		
* Liver	Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2,3-8+2]		
* Preputial Gland	Duct Ectasia	Marked
Note: SOME ASS'D INFLAMM OF FAT NOTED		
[Ectasia TGLS = 1-7]		
* Spleen	Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO LIVER CARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171

TRT#: 5
DOSE: 1 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9000301

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	* 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

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 3-1]			
[Hepatocellular Carcinoma TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-9]			
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000302

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	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-1]			
* Pancreas		Atrophy	Marked
	Duct	Cyst	
[Cyst TGLS = 3-8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Seminal Vesicle		Inflammation	Chronic Active, Mild
Note: DILATATION, WALL THICKENED, PLUS SOME INFLAM			
[Inflammation TGLS = 2-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL ON SLIDE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173

TRT#: 5

SEX: Male

DAY ON TEST: 726

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000303

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, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-8]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
Note: BULK OF TGL-3 CUT AWAY AT MICROTOMY			
[Hyperplasia TGLS = 3-2]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174

TRT#: 5

SEX: Male

DAY ON TEST: 707

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		[Hepatocellular Adenoma TGLS = 2-1]	
		[Hepatocellular Carcinoma TGLS = 1-2+8]	
* Nose		Mast Cell Tumor Malignant	
* Preputial Gland	Duct	Ectasia	Mild
* Skin		Mast Cell Tumor Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Moderate
		Mast Cell Tumor Malignant	
		Note: FORESTOMACH MUCOSA IS ALSO DIFFUSELY THICKENED	
		[Hyperplasia TGLS = 3-4+9]	
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MULTIPLE FOCI OF HYPEPLASIA WITH MICROASCESSES

Animal Note: MORIBUND COND DUE TO LIVER TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174

TRT#: 5

SEX: Male

DAY ON TEST: 707

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000304

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: INFILTRATING MAST CELLS IN VARIOUS MISC TISSUES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 1 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000305

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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000306

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
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

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

* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL-1, PROB HYPERPLASTIC FOCUS, APPARENTLY CUT AWAY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177

TRT#: 5

SEX: Male

DAY ON TEST: 707

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HEPATOCELLULAR CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Adrenal Medulla	Harderian Gland	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
* Preputial Gland	Duct	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 179

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000309

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	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Hyperplasia	Minimal
* Lung		Nephropathy	Minimal
	[Alveolar/Bronchiolar Carcinoma TGLS = 1-8]	Alveolar/Bronchiolar Carcinoma	
* Preputial Gland	Duct	Ectasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000310

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	* 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

Harderian Gland * Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
Note: VERY EARLY CARCINOMA [Hepatocellular Carcinoma TGLS = 2-8]			
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Minimal
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-9]			
Tooth		Odontoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181	TRT#: 5	SEX: Male	DAY ON TEST: 726
	DOSE: 1 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000311

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	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 1 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000312

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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4,5-9+10+1+11]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			
* Skin	Subcut Tiss	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-1]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000314

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, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Intestine Small, Ileum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
Note: FOCI MULTIPLE; BEST DEPICTED ON SLIDE 1 [Mixed Cell Focus TGLS = 2-1+2]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 3-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000315

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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Fatty Change	Minimal
	Hepatocellular Adenoma	Multiple

[Hepatocellular Adenoma TGLS = 1,2-8]

* Lung

Note: POSS BRONC HYPERPLASIA INTERPRETED TO BE FUNCTION OF CUT

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
Mesentery	Fat	Necrosis	Mild
Note: NECROTIC FAT SURROUNDED BY FIBROSIS			
[Necrosis TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
<p>Note: MULTIPLE ALTERED FOCI; RANDOM BILE DUCT HYPERPLASIA NOTED</p> <p>[Eosinophilic Focus TGLS = 8,9-12]</p> <p>[Hepatoblastoma TGLS = 4-10]</p> <p>[Hepatocellular Adenoma TGLS = 3,5-9+1]</p> <p>[Mixed Cell Focus TGLS = 6,7-1+2+10+11+12]</p>			
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Mild
[Ectasia TGLS = 1-13]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-8]			
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188

TRT#: 5
DOSE: 1 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 9000318

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

Follicular Cel

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000319

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	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Mild
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]		
* Lung	Alveolar/Bronchiolar Carcinoma	
Note: APPARENT LOCAL INVASION/MULTIPLE SITES OF TUMOR		
[Alveolar/Bronchiolar Carcinoma TGLS = 2-9]		
* Preputial Gland	Duct	Ectasia
* Thymus		Atrophy

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000321

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192

TRT#: 5

SEX: Male

DAY ON TEST: 726

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000322

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

Eye [Inflammation TGLS = 1-8]	Cornea	Inflammation	Chronic Active, Minimal
Harderian Gland [Carcinoma TGLS = 2-5]		Carcinoma	
* Kidney		Nephropathy	Minimal
* Lung		Pigmentation	Hemosiderin, Minimal
* Preputial Gland [Ectasia TGLS = 3-7]	Duct	Ectasia	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 193

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000323

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	* 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

Harderian Gland [Adenoma TGLS = 2-8]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver Note: MULTIPLE LARGE ALTERED FOCI		Mixed Cell Focus	
* Lung [Alveolar/Bronchiolar Adenoma TGLS = 3-2]		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000324

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	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195

TRT#: 5

SEX: Male

DAY ON TEST: 726

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000325

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

Harderian Gland	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	Mixed Cell Focus	

Note: HEPATO CA FROM TGL-1 ALSO ON SLIDE 2

Note: NUMEROUS ALTERED AREAS; MOST HEPATOCYTES ABNORMAL

[Hepatocellular Adenoma TGLS = 4-10]

[Hepatocellular Carcinoma TGLS = 1-8]

[Mixed Cell Focus TGLS = 2,3-9+1+2+10]

* Preputial Gland	Duct	Ectasia	Marked
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 5

SEX: Male

DAY ON TEST: 726

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000326

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla	Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adren Medulla			
Note: ONE ADRENAL AND BOTH MEDULLAS CUT AWAY FROM BLOCK			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Preputial Gland	Duct	Ectasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000327

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, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Preputial Gland	Duct	Ectasia	Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199

TRT#: 5

SEX: Male

DAY ON TEST: 727

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000329

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	* 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

* Adrenal Medulla	Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adren Medulla			
Note: ONE ADRENAL AND BOTH MEDULLAS CUT AWAY			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-1]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000330

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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney	Renal Tubule	Hyperplasia Nephropathy	Moderate Minimal
* Liver	[Hepatocellular Adenoma TGLS = 1,2-1+8]	Hepatocellular Adenoma	Multiple
* Preputial Gland	Duct	Ectasia	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL ON SLIDE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 5 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000401

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
* Liver	* Lung	* 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

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-1]			
* Preputial Gland	Duct	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000403

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	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Moderate
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL ON SLIDE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 7

SEX: Male

DAY ON TEST: 131

DOSE: 5 MG/KG

DISP: Accidentally Killed

HISTO: 9000404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Brain		Hemorrhage	Acute, Mild
* Lung		Hemorrhage	Acute, Moderate
* Nose		Hemorrhage	Acute, Marked
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH BY CRANIAL FRACTURE/ACCIDENTAL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000405

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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206

TRT#: 7
DOSE: 5 MG/KG

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 726
HISTO: 9000406

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

Harderian Gland * Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Mixed Cell Focus	
Note: FOCUS ON SLIDE 2 INTERP TO BE PART OF THAT ON SLIDE 1 [Mixed Cell Focus TGLS = 2-1]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]		
* Skin		
Note: THROMBUS OF VESSEL IN SQ INGUINAL FAT		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207

TRT#: 7

SEX: Male

DAY ON TEST: 726

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Intestine Large, Cecum	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
Note: FOCAL FATTY CHANGE IN MEDIAN CLEFT [Mixed Cell Focus TGLS = 1-1]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		[Alveolar/Bronchiolar Adenoma TGLS = 2,3-2]	
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000413

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000414

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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Preputial Gland	Duct	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000416

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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Hyperplasia	Minimal
* Liver		Nephropathy	Minimal
[Mixed Cell Focus TGLS = 1-2]		Mixed Cell Focus	
* Preputial Gland	Duct	Ectasia	Marked
Tooth		Odontoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217

TRT#: 7

SEX: Male

DAY ON TEST: 520

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000417

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, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

* Brain			
Note: VENTRAL COMPRESSION DUE TO PIT TUMOR			
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Moderate
* Lung		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 1-3+7]			
* Preputial Gland	Duct	Ectasia	Moderate
* Spleen		Depletion Lymphoid	Mild
[Depletion Lymphoid TGLS = 2-1]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO PIT TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000418

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	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 1-1]			
* Nose			
Note: SUPPURATIVE EXUDATE IN NOSE/NASAL DUCT DUE TO TOOTH MASS			
* Preputial Gland	Duct	Ectasia	Moderate
Tooth		Odontoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: MODERATE PLASMA CELL HYPERPLASIA IN MANDIB NODE

Animal Note: PLASMA CELL REACTION DUE TO NASAL LESION

Animal Note: STOMACH LESION, TGL-2, PRESUMED HYPERPLASIA, CUT AWAY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219

TRT#: 7

SEX: Male

DAY ON TEST: 50

DOSE: 5 MG/KG

DISP: Accidentally Killed

HISTO: 9000419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
Harderian Gland	* 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, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Preputial Gland	Duct	Ectasia	Moderate
* Trachea	Peritrach Tiss	Hemorrhage	Acute, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: ACCIDENTAL DEATH BY NECK CONSTRICTION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 220

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000420

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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Marked
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221	TRT#: 7	SEX: Male	DAY ON TEST: 726
	DOSE: 5 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* 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

Harderian Gland	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart	Artery	Mineralization	Mild
[Mineralization TGLS = 1-2]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Mesentery		Infiltration Cellular	Lymphocyte, Marked
* Preputial Gland	Duct	Ectasia	Moderate
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 222

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: TGL-2 PRESUMED CUT AWAY			
[Hepatocellular Adenoma TGLS = 3-10]			
[Hepatocellular Carcinoma TGLS = 1-8+9]			
* Preputial Gland	Duct	Ectasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000423

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	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Hepatocellular Adenoma	
	Mixed Cell Focus	

Note: MULTIPLE FOCI

[Hepatocellular Adenoma TGLS = 1-8]

[Mixed Cell Focus TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000425

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	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-2+8]			
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 226

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000426

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 227	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 5 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000427

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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228

TRT#: 7

SEX: Male

DAY ON TEST: 606

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	* Lymph Node, Mesenteric	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
		Hyperplasia	Minimal
* Brain	Neuron	Necrosis	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO LIVER TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000429

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	* 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		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Gallbladder			
Note: EOSINOPHILIC CRYSTALS/CHANGE IN EPITH NOTED			
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-9]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
Note: SIGNIFICANT NECROSIS IN MEDIAN LOBE ASS'D WITH TUMOR DEVEL			
[Hepatocellular Carcinoma TGLS = 1-1+8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Duct	Ectasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tooth			
Note: PERIODONTAL/GINGIVAL INFLAM NOTED			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 232

TRT#: 7

SEX: Male

DAY ON TEST: 560

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000432

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	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Intestine Small, Jejunum	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	Metastatic (Liver)
* Liver		Hemangiosarcoma	Multiple
Note: SOME HEPATOCYTE HYPERPLASIA ASS'D WITH DISECTING HEMANGIO [Hemangiosarcoma TGLS = 1,2,3,4-1+2+9+10]			
* Lung			
Note: LIVER "METASTASIZED" TO LUNG AFTER DISECTION BY HEMANGIO Note: HEPATOCYTES NOTED IN PULMONARY CAPILLARIES			
* Preputial Gland	Duct	Ectasia	Moderate
* Spleen		Hemangiosarcoma	Metastatic (Liver)
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 6-8]			
* Urin Bladder			
Note: FORMALIN-INJECTION ARTIFACT NOTED			

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO RUPTURED HEMANGIOSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 233

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000433

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 234

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000434

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		Hyperplasia	Minimal
Harderian Gland		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
Note: FOCI MULTIPLE [Mixed Cell Focus TGLS = 1,2-8]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 235

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000435

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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000436

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	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
Eye	Cornea	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-9]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
* Kidney		Nephropathy	Minimal
* Lung		Pigmentation	Hemosiderin, Minimal
Note: HEMORRH PERHAPS DUE TO HARDERIAN TUMOR EMBOLI (NOT IN SECT)			
Note: PIGMENTED M'PHAGES SUGGEST PRIOR HEMORRHAGE			
* Preputial Gland	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 237

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000437

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

Harderian Gland	* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 238

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000438

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	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2+8]			
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Marked

Note: ONE GLAND SUPPUR INFLAM; OTHER GLAND DILATED DUCT

[Ectasia TGLS = 1-7]

[Inflammation TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 7

SEX: Male

DAY ON TEST: 707

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000439

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	* Islets, Pancreatic	* Kidney
* 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

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Intestine Small, Jejunum	[Lymphoma Malignant Lymphocytic TGLS = 8-10]	Lymphoma Malignant Lymphocytic	
* Liver	[Hepatocellular Adenoma TGLS = 4-8] [Lymphoma Malignant Lymphocytic TGLS = 3-8]	Hepatocellular Adenoma Lymphoma Malignant Lymphocytic	
Lymph Node	Inguinal Pancreatic	Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 5,6,7-9+10] [Lymphoma Malignant Lymphocytic TGLS = 5,6,7-9+10]		
* Lymph Node, Mesenteric	[Lymphoma Malignant Lymphocytic TGLS = 5,6,7-9+10]	Lymphoma Malignant Lymphocytic	
Mesentery		Lymphoma Malignant Lymphocytic	
* Preputial Gland	Duct	Ectasia	Moderate
	[Ectasia TGLS = 1-7]		
* Spleen	Note: APPARENT AMYLOIDOSIS NOTED [Hematopoietic Cell Proliferation TGLS = 2-1]	Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 7

SEX: Male

DAY ON TEST: 707

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000439

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO MALIG LYMPH

Animal Note: EMH IN MANDIB NODE

Animal Note: LYMPHOMA IN ADDITIONAL MINOR ORGANS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000440

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
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland * Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma Inflammation	Chronic Active, Marked
Note: HISTIOCYTIC-TYPE CELLS ASS'D WITH LUNG TUMOR [Alveolar/Bronchiolar Carcinoma TGLS = 3-8] [Inflammation TGLS = 2,4-2]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 5 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000441

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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Cyst	
		Nephropathy	Minimal
[Cyst TGLS = 1-1]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242

TRT#: 7

SEX: Male

DAY ON TEST: 594

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney	Inflammation	Chronic Active, Moderate
Note: RENAL NODULE IS AREA OF FRANK NECROSIS & SUPPURATION [Inflammation TGLS = 4-9]		
* Liver	Hepatocellular Adenoma Necrosis	Marked
Note: TUMOR CONGESTED AND INFARCTED [Hepatocellular Adenoma TGLS = 2,3-8] [Necrosis TGLS = 2,3-2]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Prostate	Inflammation	Chronic Active, Mild
* Seminal Vesicle	Inflammation	Chronic Active, Marked
* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 5-10]		
* Urinary Bladder	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-4]		

PRIMARY CAUSE OF DEATH -

Animal Note: DEATH DUE TO UROGENITAL INFECTION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
	[Basophilic Focus TGLS = 2-1]		
	[Hepatocellular Carcinoma TGLS = 1-8]		
* Preputial Gland	Duct	Ectasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:31
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
		Ulcer	Mild
	[Lymphoma Malignant Mixed TGLS = 3-10]		
* Kidney		Inflammation	Chronic Active, Mild
		Nephropathy	Minimal
	[Inflammation TGLS = 4,5-11+1]		
* Liver		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 2-9]		
* Preputial Gland	Duct	Ectasia	Moderate
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 1-1+8]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000445

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	* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 7

SEX: Male

DAY ON TEST: 726

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000446

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
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

Harderian Gland * Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-8+2+9]			
* Pancreas		Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
[Ectasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 247

TRT#: 7

SEX: Male

DAY ON TEST: 726

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000447

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	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248	TRT#: 7	SEX: Male	DAY ON TEST: 726
	DOSE: 5 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000448

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	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Marked
* Kidney		Hyperplasia	Mild
* Liver		Nephropathy	Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 249

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000449

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	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney	Artery	Inflammation Nephropathy	Chronic Active, Mild Minimal
* Liver	[Hepatocellular Adenoma TGLS = 1,2,3-8+9+1]	Hepatocellular Adenoma	Multiple
* Lung	[Alveolar/Bronchiolar Adenoma TGLS = 4-2]	Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 250

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000450

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

Harderian Gland	* Mammary Gland	* Preputial Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251

TRT#: 7

SEX: Male

DAY ON TEST: 693

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Hemangiosarcoma	Metastatic (Spleen)
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 2-1]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-2+8]			
* Lymph Node, Mesenteric		Hemangiosarcoma	Metastatic (Spleen)
* Preputial Gland	Duct	Ectasia	Moderate
* Spleen		Hemangiosarcoma	
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-9]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: MORIBUND COND DUE TO LIVER AND HEART TUMORS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252

TRT#: 7

SEX: Male

DAY ON TEST: 691

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000452

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
* Kidney	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Leukemia Lymphocytic	
* Liver		Hepatocellular Adenoma	Multiple
		Leukemia Lymphocytic	
[Hepatocellular Adenoma TGLS = 2,3-1+2+8]			
[Leukemia Lymphocytic TGLS = 2,3-1+2+8]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-2]			
* Lymph Node, Mandibular		Leukemia Lymphocytic	
[Leukemia Lymphocytic TGLS = 5-4]			
* Lymph Node, Mesenteric		Leukemia Lymphocytic	
[Leukemia Lymphocytic TGLS = 5-4]			
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Leukemia Lymphocytic	
[Leukemia Lymphocytic TGLS = 1-1]			

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO LEUKEMIA

Animal Note: LEUKEMIC CELLS IN ESSENTIALLY ALL ORGANS

Animal Note: LEUKEMIA DX'ED RATHER THAN LYMPHOMA DUE TO LIVER EFFECT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253

TRT#: 7

SEX: Male

DAY ON TEST: 726

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Intestine Small, Jejunum [Carcinoma TGLS = 2-8]		Carcinoma	
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular [Hyperplasia TGLS = 1-3]		Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Duct	Ectasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254

TRT#: 7

SEX: Male

DAY ON TEST: 376

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Gallbladder	Harderian Gland
* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Blood Vessel			
Note: POLYARTERITIS			
* Brain	Artery	Inflammation	Chronic Active, Mild
* Epididymis	Artery	Inflammation	Chronic Active, Mild
* Heart		Inflammation	Chronic Active, Minimal
* Kidney	Artery	Inflammation	Chronic Active, Moderate
		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
* Prostate	Artery	Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO POLYARTERITIS

Animal Note: MIDDLE EAR SECTION EXAMINED, NORMAL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000455

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
* Kidney	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000457

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

Harderian Gland		Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
Note: HETEROTOPIC BONE NOTED			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 259

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000459

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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 260

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000460

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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Pituitary Gland		Cyst	
* Preputial Gland	Duct	Ectasia	Mild
Tooth		Dysplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262

TRT#: 7

SEX: Male

DAY ON TEST: 726

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000462

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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland * Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Carcinoma	Multiple
Note: UNDIFF CARCINOMA, POSS BILE DUCT ORIGIN			
[Carcinoma TGLS = 1,2-9+10]			
* Lung		Carcinoma	Metastatic (Liver)
[Carcinoma TGLS = 3-2]			
Lymph Node	Bronchial	Carcinoma	Metastatic (Liver)
	Mediastinal	Carcinoma	Metastatic (Liver)
[Carcinoma TGLS = 4-8]			
[Carcinoma TGLS = 4-8]			
* Lymph Node, Mesenteric		Carcinoma	Metastatic (Liver)
[Carcinoma TGLS = 4-8]			
* Preputial Gland	Duct	Ectasia	Moderate
* Thymus		Carcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

Animal Note: TUMOR ALSO PERIESOPHAGEAL, PERICARDIAL, IN DIAPHRAGM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000463

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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Infarct	Mild
		Nephropathy	Minimal
[Infarct TGLS = 1-1]			
* Preputial Gland	Duct	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000464

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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Marked
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 265	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 5 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1,3-1]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 266

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000466

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
* Kidney	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 267

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Minimal
Tooth		Dysplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269

TRT#: 7

SEX: Male

DAY ON TEST: 727

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Kidney		Cyst	
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-8]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Marked
	Fat	Necrosis	Moderate
[Inflammation TGLS = 2-4]			
[Necrosis TGLS = 1-9]			
* Preputial Gland	Duct	Ectasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270

TRT#: 7

SEX: Male

DAY ON TEST: 590

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000470

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, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-8]			
* Parathyroid Gland		Hyperplasia	Moderate
* Preputial Gland	Duct	Ectasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO HEMANGIOSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000541

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	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Kidney	Cyst	
	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	

[Hepatocellular Adenoma TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272

TRT#: 9

SEX: Male

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274

TRT#: 9

SEX: Male

DAY ON TEST: 405

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000544

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
* Kidney	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Leukemia Lymphocytic	
* Liver		Leukemia Lymphocytic	
[Leukemia Lymphocytic TGLS = 2-1+2]			
* Lung		Leukemia Lymphocytic	
Lymph Node	Mediastinal	Leukemia Lymphocytic	
	Renal	Leukemia Lymphocytic	
[Leukemia Lymphocytic TGLS = 4-4,5-9]			
[Leukemia Lymphocytic TGLS = 4-4,5-9]			
* Lymph Node, Mandibular		Leukemia Lymphocytic	
[Leukemia Lymphocytic TGLS = 4-4,5-9]			
* Lymph Node, Mesenteric		Leukemia Lymphocytic	
[Leukemia Lymphocytic TGLS = 4-4,5-9]			
* Preputial Gland	Duct	Ectasia	Mild
Note: L PREPUT NORMAL; R PREPUT HAS AGE-ASS'D CYSTIC CHANGE			
* Spleen		Leukemia Lymphocytic	
[Leukemia Lymphocytic TGLS = 3-8]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274

TRT#: 9

SEX: Male

DAY ON TEST: 405

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000544

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND COND DUE TO LYMPHOCYTIC LEUKEMIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000545

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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma Inflammation	Chronic Active, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 2-8]			
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276	TRT#: 9	SEX: Male	DAY ON TEST: 726
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000546

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
Tooth		Dysplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277

TRT#: 9

SEX: Male

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000547

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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278

TRT#: 9

SEX: Male

DAY ON TEST: 456

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 279	TRT#: 9	SEX: Male	DAY ON TEST: 727
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000549

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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280	TRT#: 9	SEX: Male	DAY ON TEST: 456
	DOSE: 25 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9000550

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

Eye	Degeneration	Moderate
Note: UNILAT DEGEN ASSOC'D WITH HARDERIAN INFLAM		
Note: GLOBAL DEGEN PRESUMED DUE TO TRAUMA OF CLIN PATH SAMPLING		
[Degeneration TGLS = 1-8]		
Harderian Gland	Inflammation	Chronic Active, Moderate
* Kidney	Nephropathy	Minimal
* Preputial Gland	Duct Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular [Lymphoma Malignant Lymphocytic TGLS = 1,2-3+7+4]		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric [Lymphoma Malignant Lymphocytic TGLS = 1,2-3+7+4]		Lymphoma Malignant Lymphocytic	
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: INGUINAL + MEDIASTINAL NODES SIMILARLY AFFECTED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 9

SEX: Male

DAY ON TEST: 432

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000553

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
Peripheral Nerve	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Preputial Gland	Duct	Ectasia	Mild
* Skin		Ulcer	Mild
* Thymus			

Note: PRESUMED SEVERE ATROPHY OF THYMUS; NO LYMPH TISS ON SECTION

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF TREMORS/EMACIATION NOT DETERMINED

Animal Note: MORIBUND SAC DUE TO TREMORS/EMACIATION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284

TRT#: 9

SEX: Male

DAY ON TEST: 456

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000554

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	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Lung	Alveolar Epith	Hyperplasia	Mild
* Preputial Gland	Duct	Ectasia	Minimal
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286

TRT#: 9

SEX: Male

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
Tooth		Odontoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287	TRT#: 9	SEX: Male	DAY ON TEST: 456
	DOSE: 25 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9000557

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
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 288

TRT#: 9

SEX: Male

DAY ON TEST: 456

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000558

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289	TRT#: 9 DOSE: 25 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 727 HISTO: 9000559
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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, Jejunum	* Islets, Pancreatic	* Liver
* 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

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

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Hyperplasia	Mild
* Lung		Nephropathy	Minimal
* Preputial Gland	Duct	Alveolar/Bronchiolar Adenoma	
* Spleen		Ectasia	Moderate
		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 290

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 291

TRT#: 9

SEX: Male

DAY ON TEST: 697

DOSE: 25 MG/KG

DISP: Natural Death

HISTO: 9000561

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, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		

MISSING

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

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Kidney		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 5-1]			
* Liver		Necrosis	Marked
[Necrosis TGLS = 2-1,3-8]			
* Lung			
Note: PMNS IN VESSELS SUGGEST SEPTICEMIA			
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-9]			
* Preputial Gland	Duct	Ectasia	Moderate
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Urinary Bladder		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO URINARY TRACT INFECTION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 292

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000562

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
* 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	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Blood Vessel	Aorta	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 2,3-2]			
* Preputial Gland	Duct	Ectasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000565

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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Intermed	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 296

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
Note: CHRONIC INFLAM AND NECROSIS/FIBROSIS WITHIN NODULE [Hepatocellular Adenoma TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 297

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000567

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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Cyst	
		Nephropathy	Minimal
[Cyst TGLS = 2-8]			
* Liver		Necrosis	Marked
Note: NO OBVIOUS CORRESPONDING LESION ON SLIDE 2 FOR TGL-4			
Note: INFARCTED HYPERPLASTIC NODULE = TGL-1			
Note: POSSIBLE TRAUMA-INDUCED DEFORMITIES OF LIVER (TGL-1,4)			
[Necrosis TGLS = 1-9]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-8]			
* Lymph Node, Mesenteric		Hyperplasia	Plasma Cell, Moderate
* Preputial Gland	Duct	Ectasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000569

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000570

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	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
Eye	Cornea	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-10]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
Note: TUMOR ALSO ON SLIDES 1+2; BEST REPRESENTATION ON SLIDE 9			
[Hepatocellular Carcinoma TGLS = 3-9]			
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 301	TRT#: 9	SEX: Male	DAY ON TEST: 456
	DOSE: 25 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9000571

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
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* 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

Harderian Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
* Preputial Gland	Duct	Ectasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 302

TRT#: 9

SEX: Male

DAY ON TEST: 456

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000572

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 303

TRT#: 9

SEX: Male

DAY ON TEST: 594

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	Harderian Gland	* 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

* Brain			
Note: VENTRAL COMPRESSION AND HYDROCEPHALUS DUE TO PIT TUMOR			
* Kidney		Cyst Nephropathy	Mild
[Cyst TGLS = 4-1]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland	Duct	Ectasia	Minimal
* Stom Gland			
Note: SLIGHT GLANDULAR HYPERPLASIA NOTED, WITHIN "NORMAL LIMITS"			
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 6-10]			
* Thymus		Atrophy	Moderate
* Urin Bladder			
Note: BLADDER SIMPLY DILATED			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 303

TRT#: 9

SEX: Male

DAY ON TEST: 594

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000573

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND COND DUE TO PIT TUMOR

Animal Note: MULTIPLE FOCI OF HYPERPLASIA; ASS'D MICROABSCCESS NOTED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 305	TRT#: 9	SEX: Male	DAY ON TEST: 727
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]			
* Preputial Gland	Duct	Ectasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 306

TRT#: 9

SEX: Male

DAY ON TEST: 627

DOSE: 25 MG/KG

DISP: Dosing Accident

HISTO: 9000576

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	* Lymph Node, Mandibular
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

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

* Lung		Inflammation	Suppurative, Mild
Note: PMNS NOTED IN PERIVASCULAR AND PLEURAL LOCATIONS			
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Depletion Lymphoid	Mild
* Urin Bladder			
Note: BLADDER SIMPLY DILATED			

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH ATTRIBUTED TO GAVAGE ERROR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 307

TRT#: 9

SEX: Male

DAY ON TEST: 456

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Prostate
* Spleen
* Thymus

* Blood Vessel
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

MISSING

Harderian Gland

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Preputial Gland

Duct

Hyperplasia
Nephropathy
Ectasia

Mild
Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 308

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000578

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 309

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Marked
Note: POSSIBLE EARLY ADENOMA; APPROX 500 U DIAMETER			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
Note: NODULAR MASS HAS SEPARATED FROM MAIN ORGAN [Hepatocellular Adenoma TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 310

TRT#: 9

SEX: Male

DAY ON TEST: 622

DOSE: 25 MG/KG

DISP: Natural Death

HISTO: 9000580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Lymph Node, Mesenteric
* Mammary Gland			

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Mast Cell Tumor Malignant	
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-8]			
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 3-4]			
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO LIVER TUMOR
Animal Note: HYPERPLASIA ASS'D WITH ULCER
Animal Note: ONLY 1 ADRENAL ON SLIDE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 311

TRT#: 9

SEX: Male

DAY ON TEST: 405

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* 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, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Esophagus	Periesoph Tiss	Inflammation	Suppurative, Minimal
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HARDERIAN TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 312

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000582

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	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-8]		
* Lung		Alveolar/Bronchiolar Carcinoma	
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 313

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000583

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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 315

TRT#: 9

SEX: Male

DAY ON TEST: 456

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000585

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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

Harderian Gland		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 316	TRT#: 9	SEX: Male	DAY ON TEST: 726
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Minimal
Note: HETEROTOPIC BONE NOTED			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 317

TRT#: 9

SEX: Male

DAY ON TEST: 705

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000587

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	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Intestine Small, Ileum		Amyloid Deposition	Mild
* Intestine Small, Jejunum		Lymphoma Malignant Lymphocytic	
		Ulcer	Marked
	[Lymphoma Malignant Lymphocytic TGLS = 4-8]		
* Kidney	Glomerulus	Amyloid Deposition	Minimal
	[Amyloid Deposition TGLS = 5-1]		
* Liver		Amyloid Deposition	Minimal
		Hematopoietic Cell Proliferation	Mild
		Necrosis	Mild
	Note: GRANULOPOIESIS		
	Note: SOME NECROSIS ALSO PRESENT		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 3-8]		
* Pancreas		Lymphoma Malignant Lymphocytic	
* Preputial Gland	Duct	Ectasia	Marked
	[Ectasia TGLS = 1-7]		
* Spleen		Amyloid Deposition	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 317

TRT#: 9

SEX: Male

DAY ON TEST: 705

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000587

ORGAN AND ACCOUNTABLE SITE STATUS

Hematopoietic Cell Proliferation

Marked

Note: AMYLOID CONTRIB TO PALE DISCOLORATION
[Hematopoietic Cell Proliferation TGLS = 2-1]

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO MALIG LYMPH

Animal Note: ULCER/LYMPHOMA AT PEYER'S PATCH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 318

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000588

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	* 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	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
* Testes	Interstit Cell	Hyperplasia	Mild

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 319

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* 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, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Kidney		Necrosis	Minimal
Note: ACUTE TUBULAR NECROSIS			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Note: OTHER LIVER METASTASES ON SLIDE 2			
[Hepatocellular Carcinoma TGLS = 3-9]			
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Depletion Lymphoid	Minimal
Note: EXCESSIVE PIGMENT-LADEN MACROPHAGES NOTED			
* Thymus		Atrophy	Mild
* Urinary Bladder		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 320

TRT#: 9

SEX: Male

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* 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, 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		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Eye			
Note: GROSS DISCOLOR OF EYE PROB DUE TO DEHYDRATION			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 2-8]			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-9+10]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland	Duct	Ectasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 321

TRT#: 9

SEX: Male

DAY ON TEST: 707

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000591

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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Kidney		Inflammation	Chronic Active, Marked
Note: SUPPURATIVE INFLAM IN LEFT KIDNEY ONLY			
Note: GROSS LESION (PALE) PROB DUE TO ANEMIA OF MALIGNANCY			
Note: NO CONSISTENT LESION PRESENT TO DX FOR TGL-4			
* Liver		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 3-1+2]		
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 5-4]		
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLS = 5-4]		
Mesentery		Histiocytic Sarcoma	
* Nose			
Note: MINIMAL SUPPURATIVE EXUDATE NOTED			
* Preputial Gland	Duct	Ectasia	Moderate
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Inflammation	Chronic Active, Moderate
	[Inflammation TGLS = 1-9]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 321	TRT#: 9 DOSE: 25 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 707 HISTO: 9000591
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ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen [Histiocytic Sarcoma TGLS = 2-8]	Hematopoietic Cell Proliferation Histiocytic Sarcoma	Mild
* Thymus	Atrophy	Moderate
* Urinary Bladder	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: MORIBUND COND DUE TO HISTIO SARC

Animal Note: HISTIO SARC EMBOLI AND FIBRIN THROMBI NOTED, MISC ORGANS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 322

TRT#: 9

SEX: Male

DAY ON TEST: 300

DOSE: 25 MG/KG

DISP: Accidentally Killed

HISTO: 9000592

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	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

MISSING

Harderian Gland	* Urinary Bladder
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OBSERVATIONS

* Liver		Inflammation	Chronic Active, Mild
* Nose		Inflammation	Suppurative, Mild
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MOUSE ACCIDENTLY SENT TO CAGE WASH, STACKED IN HOT ENVIRON

Animal Note: DEATH DUE TO SUFFOCATION/BACTERIAL INFECTION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 323	TRT#: 9	SEX: Male	DAY ON TEST: 729
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000593

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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 324

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000594

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, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-8]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 325

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* 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	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Marked
* Stomach, Forestomach		Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 327

TRT#: 9

SEX: Male

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000597

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, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Intestine Small, Ileum	* Mammary Gland
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OBSERVATIONS

* Epididymis		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
* Pancreas		Atrophy	Moderate
	Duct	Cyst	
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 328

TRT#: 9

SEX: Male

DAY ON TEST: 456

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* 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

* Blood Vessel	* Gallbladder	Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
* Liver		Hepatocellular Carcinoma	
Note: TUMOR-ASSOCIATED NECROSIS [Hepatocellular Carcinoma TGLS = 1-8+9]			
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 329

TRT#: 9

SEX: Male

DAY ON TEST: 587

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	Ear	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* 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

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

Ear

Note: INNER EAR TRIMMED DUE TO CLINICAL HEAD TILT

* Liver	Hepatocellular Adenoma
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[Hepatocellular Adenoma TGLS = 1-2+8]

* Preputial Gland	Duct	Ectasia	Mild
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PRIMARY CAUSE OF DEATH

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Animal Note: CAUSE OF NEURO DYSFUNCTION NOT DETERMINED

Animal Note: MORIBUND COND DUE TO NEURO SIGNS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 330

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000600

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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney	Artery	Hepatocellular Carcinoma	Metastatic (Liver)
		Nephropathy	Mild
Note: METASTATIC TUMOR THROMBUS FROM LIVER IN RENAL ARTERY			
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-8]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLS = 3-2]		
* Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Moderate
	[Ectasia TGLS = 4-7]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
	[Hematopoietic Cell Proliferation TGLS = 2-1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	Harderian Gland
* 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Mild
		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 332

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000602

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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Hydronephrosis	Moderate
		Nephropathy	Minimal
[Hydronephrosis TGLS = 1-1]			
* Nose			
Note: FOCAL SUPPURATIVE NASAL EXUDATE			
* Preputial Gland	Duct	Ectasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 333

TRT#: 9

SEX: Male

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000603

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Mammary Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow Note: ORGANIZING THROMBUS		Thrombosis	
* Liver [Hepatocellular Adenoma TGLS = 1-8]		Hepatocellular Adenoma	
* Pancreas Duct Note: APPARENT DEGENERATING TREMATODE IN DILATED DUCT!		Cyst	
* Preputial Gland		Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach [Hyperplasia TGLS = 2-4]		Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 FOCUS ON SLIDE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 334	TRT#: 9	SEX: Male	DAY ON TEST: 729
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000604

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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-7]			
* Thyroid Gland			
Note: FOCAL CYSTIC FOLLICLE			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 335

TRT#: 9

SEX: Male

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000605

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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Nose		Inflammation	Suppurative, Minimal
Note: FOREIGN MATERIAL IN NASAL CAVITY			
* Preputial Gland	Duct	Ectasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CONGESTED SINUSES OF LYM NODE (TGL-1)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 337

TRT#: 9

SEX: Male

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000607

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
* Kidney	* 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

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLS = 3-4]		Hyperplasia	Lymphoid, Marked
* Liver [Hepatocellular Carcinoma TGLS = 2-8]		Hepatocellular Carcinoma	
* Preputial Gland [Ectasia TGLS = 1-7]	Duct	Ectasia	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 338

TRT#: 9

SEX: Male

DAY ON TEST: 727

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000608

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	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Hyperplasia	Focal, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: FOCAL EROSION ASS'D WITH LESION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 340

TRT#: 9

SEX: Male

DAY ON TEST: 729

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000610

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, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Moderate
* Kidney		Lymphoma Malignant Lymphocytic	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant Lymphocytic	
* Lung		Lymphoma Malignant Lymphocytic	
		[Lymphoma Malignant Lymphocytic TGLS = 2-2]	
* Preputial Gland	Duct	Ectasia	Mild
* Spleen		Lymphoma Malignant Lymphocytic	
		[Lymphoma Malignant Lymphocytic TGLS = 1-1]	

PRIMARY CAUSE OF DEATH

-

Animal Note: LYMPH INFIL IN VARIOUS MISC ORGANS

Animal Note: ADVENTUROUS LYMPH INFIL IN MANY ORGANS INTERP AS MAL LYMP

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 342	TRT#: 2	SEX: Female	DAY ON TEST: 679
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9000072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	* Intestine Large, Cecum	* Intestine Small, Ileum
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	Multiple
Note: ONLY ONE FOCUS NOTED; DID NOT APPEAR TO BE "NODULAR"			
[Basophilic Focus TGLS = 4-1]			
[Hepatocellular Carcinoma TGLS = 3-8+9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2-2]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-8]			
* Ovary			
Note: ALMOST ALL OVARY CUT AWAY			
* Spleen		Hematopoietic Cell Proliferation	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO HEPATOCELLULAR CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 343

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 344

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000074

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
Note: MULTIPLE FOCI		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-8]		
* Uterus	Adenoma	
	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 345

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3,4-8]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hyperplasia	Lymphoid, Marked
		Lymphoma Malignant Mixed	
Note: POSSIBLE EARLY LYMPHOMA			
[Hyperplasia TGLS = 1,5-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 346

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9000076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Blood Vessel	Aorta	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	
[Cyst TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands	Duct	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: INFILT OF MAST CELLS IN MANDIB NODE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 347

TRT#: 2

SEX: Female

DAY ON TEST: 712

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9000077

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Intestine Large, Cecum	* Thymus
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OBSERVATIONS

* Bone Marrow Note: MARROW APPEARS SOMEWHAT EXHAUSTED			
* Kidney [Necrosis TGLS = 2-1]	Renal Tubule	Necrosis	Acute, Minimal
* Liver Note: AUTOLYSIS CONTRIB TO TGL-3 (PALE)			
* Stomach, Glandular		Erosion	Minimal
* Uterus [Hyperplasia TGLS = 1-6]		Hyperplasia Inflammation	Cystic, Marked Chronic Active, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO METRITIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 348

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9000078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia Myelofibrosis	Mild Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2+8+9]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 3-4]			
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9000079

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	* 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

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Small, Jejunum [Hyperplasia TGLS = 1-8]		Hyperplasia	Lymphoid, Marked
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis Eosinophilic Focus Mixed Cell Focus	Minimal
* Ovary		Cyst	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000080

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
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Stomach, Forestomach	Hyperplasia	Focal, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 351

TRT#: 2

SEX: Female

DAY ON TEST: 610

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Medulla [Pheochromocytoma Malignant TGLS = 2-7]	Pheochromocytoma Malignant	
Harderian Gland [Carcinoma TGLS = 3-5+8]	Carcinoma	
* Heart	Mineralization	Minimal
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Ovary	Cyst	
* Thymus	Atrophy	Mild
* Uterus [Hyperplasia TGLS = 1-6]	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO PHEOCHROMOCYTOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* 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	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla [Hyperplasia TGLS = 2-7]		Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 1-1]		Eosinophilic Focus Hepatocellular Adenoma	
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354	TRT#: 2	SEX: Female	DAY ON TEST: 728
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000084

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 3,4-1+8]		
* Pancreas	Duct	Cyst	
	[Cyst TGLS = 2-4]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355

TRT#: 2

SEX: Female

DAY ON TEST: 717

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9000085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain		Infarct	Mild
* Heart		Carcinoma	Metastatic (Liver)
[Carcinoma TGLS = 6-2]			
* Kidney		Carcinoma	Metastatic (Liver)
* Liver	Bile Duct	Carcinoma	
[Carcinoma TGLS = 2-1]			
* Lung		Carcinoma	Metastatic (Liver)
[Carcinoma TGLS = 4-2]			
Lymph Node	Bronchial	Carcinoma	Metastatic (Liver)
	Mediastinal	Carcinoma	Metastatic (Liver)
Mesentery		Carcinoma	Metastatic (Liver)
[Carcinoma TGLS = 3-4]			
* Pancreas		Carcinoma	Metastatic (Liver)
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 5-4+8]			
* Thymus		Atrophy	Moderate
* Uterus		Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355

TRT#: 2

SEX: Female

DAY ON TEST: 717

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9000085

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

Animal Note: CHOLANGIOCARCINOMA IS SOMETIMES PAPILLARY OR SCIRRHOUS

Animal Note: DEATH DUE TO DISSEMINATED CHOLANGIOCARCINOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000086

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 357

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000087

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	* Trachea	* Urinary Bladder

MISSING

Harderian Gland * Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-1]			
* Ovary			
Note: ONLY 1 OVARY FULLY PRESENTED			
* Spleen		Hyperplasia	Lymphoid, Moderate
Note: PLEOMORPHIC CELLS IN SPLEEN WHITE PULP			
[Hyperplasia TGLS = 3-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
		Sarcoma Stromal	
Note: GROSS DILATATION DUE TO CYSTIC HYPERPLASIA			
Note: CYSTIC HYPERPLASIA NOT DEPICTED ON SLIDE 8, BUT ON SLIDE 6			
[Hyperplasia TGLS = 2-6]			
[Sarcoma Stromal TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 359 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 728
DOSE: 0 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 9000089

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
Eye	Cornea	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-9]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-9]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-9]			
* Ovary		Cyst	
[Cyst TGLS = 3-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 6-7]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000090

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
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pancreas		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 362

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000092

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
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney			
Note: HETEROTOPIC EARLY OSTEOID FORMATION			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-8]			
* Lung		Alveolar/Bronchiolar Carcinoma	
Note: TUMOR-ASS'D INFLAM AND HISTIOCYTOSIS			
[Alveolar/Bronchiolar Carcinoma TGLS = 3-9]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 363

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000093

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, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland	* Thymus
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Stomach, Forestomach	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-8]		

PRIMARY CAUSE OF DEATH -

Animal Note: FOCAL HYPERPLASIA ASS'D WITH MICROABSCCESS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 364

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Brain			
Note: SIGNIFICANT TUMOR-ASS'D HYDROCEPHALUS AND VENTRAL COMPRES'N			
Note: VENTRAL COMPRESSION AND ADHERED PIT TUMOR=TGL-2			
* Esophagus	Periesoph Tiss	Inflammation	Suppurative, Minimal
Note: ESOPH INJURY IS NOT TRUELY SUPPURATIVE, BUT CHRONIC			
Note: MORPHOLOGY OBSERVED (IN OTHER MICE).			
Note: SUPPURATIVE QUALIFIER USED FOR CONSISTENCY WITH MOST COMMON			
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1,2-7+3]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CHRONIC INFLAM (PERIESOPH & HEART) SUGGEST PRIOR GAV TRAUMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 611
HISTO: 9000095

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	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Intestine Small, Jejunum	[Lymphoma Malignant Mixed TGLS = 4-11]	Lymphoma Malignant Mixed	
* Kidney		Infarct	Minimal
* Liver	[Lymphoma Malignant Mixed TGLS = 5,6-12+13]	Lymphoma Malignant Mixed	
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 3,7,8,9-4+10+1+8+7]		
	[Lymphoma Malignant Mixed TGLS = 3,7,8,9-4+10+1+8+7]		
	[Lymphoma Malignant Mixed TGLS = 3,7,8,9-4+10+1+8+7]		
	[Lymphoma Malignant Mixed TGLS = 3,7,8,9-4+10+1+8+7]		
* Lymph Node, Mandibular	[Lymphoma Malignant Mixed TGLS = 3,7,8,9-4+10+1+8+7]	Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric	[Lymphoma Malignant Mixed TGLS = 3,7,8,9-4+10+1+8+7]	Lymphoma Malignant Mixed	
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365

TRT#: 2

SEX: Female

DAY ON TEST: 611

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9000095

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Mixed TGLS = 1-9]

* Urinary Bladder

* Uterus

[Hyperplasia TGLS = 2-6]

Lymphoma Malignant Mixed

Lymphoma Malignant Mixed

Hyperplasia

Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO MALIG LYMPHOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 366	TRT#: 2	SEX: Female	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000096

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-1+2]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 367

TRT#: 2

SEX: Female

DAY ON TEST: 511

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000097

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
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
Eye	Cornea	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-8]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Ovary		Cystadenoma	
Note: MINUTE CYSTADENOMA			
[Cystadenoma TGLS = 3-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HARDERIAN TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 368

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000098

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 369

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000099

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	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Lung		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 371

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Scheduled Sacrifice

DAY ON TEST: 457
HISTO: 9000101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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

* Kidney	Nephropathy	Minimal
* Liver	Mixed Cell Focus	
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 372

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000102

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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 373

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 604
HISTO: 9000103

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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Mixed	
* Liver		Hepatocellular Adenoma	Multiple
		Lymphoma Malignant Mixed	
		Mixed Cell Focus	
Note: MULTIPLE FOCI			
	[Hepatocellular Adenoma TGLS = 3,4-13+1]		
	[Mixed Cell Focus TGLS = 2,9-11+12]		
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 7-8,5,6-10+4]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 7-8,5,6-10+4]		
* Skin		Ulcer	Mild
	[Ulcer TGLS = 8-9]		
* Spleen		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 1-14]		

PRIMARY CAUSE OF DEATH -

Animal Note: MALIG LYMPH OF MINOR ORGANS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 373

TRT#: 2

SEX: Female

DAY ON TEST: 604

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000103

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND COND DUE TO MALIG LYMPH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 375

TRT#: 2

SEX: Female

DAY ON TEST: 594

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 3-1+10]			
[Hepatocellular Carcinoma TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-9]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 4-11]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: ONLY ONE HYPERPLASTIC FOCUS ON SLIDE

Animal Note: SOME DEBRIS OVERLYING MUCOSA MAY HAVE CONTRIB TO TGL-5

Animal Note: MORIBUND COND DUE TO HEPATOCELLULAR CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 376

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 709
HISTO: 9000106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* 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	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Cecum

OBSERVATIONS

* Liver	Hemangiosarcoma Hepatocellular Adenoma	Multiple
<p>Note: HEMANGIOSARC IN MEDIAN LOBE ALSO [Hemangiosarcoma TGLS = 3-9] [Hepatocellular Adenoma TGLS = 2-1+2]</p>		
* Lung	Alveolar/Bronchiolar Adenoma	
<p>Note: HEPATOCYTES IN PULM CAPILLARIES Note: LIVER IN LUNG NOT DUE TO HEPATOCARCINOMA Note: HEPATOCYTES DISSECTED AWAY DUE TO HEMANGIOSARC</p>		
* Ovary	Cystadenoma	
* Spleen	Hematopoietic Cell Proliferation	Moderate
<p>[Hematopoietic Cell Proliferation TGLS = 1-1]</p>		
* Stomach, Glandular	Erosion	Mild
<p>[Erosion TGLS = 4-4+8]</p>		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: MORIBUND COND DUE TO HEMANGIOSARC
Animal Note: ONLY 1 ADRENAL/CLITORAL PRESENT FOR EXAM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 377

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Minimal
		Myelofibrosis	Minimal
* Liver		Eosinophilic Focus	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-7]			
* Uterus		Hyperplasia	Cystic, Marked
Note: ASS'D ACUTE INFLAM NOTED			
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 378

TRT#: 2

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLS = 2-4]		Hyperplasia	Lymphoid, Moderate
* Lung Note: NO ALV-BRONC ADENOMA PRESENT ON SLIDE Note: LYMPHOHISTIOCYTIC INFLAM INFILTRATE PRESENT Note: INFLAM TYPICAL OF THAT SEEN WITH ALV-BRONC ADENOMA [Inflammation TGLS = 4-2]		Inflammation	Chronic Active, Moderate
* Mammary GI Note: MAMMMARY FROM AROUND CLITORALS			
Mesentery [Necrosis TGLS = 3-8]	Fat	Necrosis	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland		Inflammation	Chronic Active, Minimal
* Uterus [Hyperplasia TGLS = 1-6]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 380

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 720
HISTO: 9000110

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	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5,6-8]			
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
Note: NUMEROUS FOCI			
[Mixed Cell Focus TGLS = 2,3,4,8-2+10+11]			
* Lung		Hemangiosarcoma	Metastatic (Ovary)
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Ovary		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-6]			
Peripheral Nerve		Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7]			
* Uterus		Hemangiosarcoma	Metastatic (Ovary)

PRIMARY CAUSE OF DEATH -

Animal Note: MORIBUND COND DUE TO HEMANGIOSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 381	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9000111
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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
* Kidney	* 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

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Liver		Eosinophilic Focus	
Note: FOCAL FATTY CHANGE=TENSION LIPIDOSIS [Eosinophilic Focus TGLS = 1-8]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas		Hypertrophy	Minimal
Note: HYPERTROPHIC FOCUS			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 382

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000112

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia Myelofibrosis	Moderate Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-8+2]		
* Ovary			
	Note: ONLY 1 OVARY ON SLIDE		
* Pancreas		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 383

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Uterus		

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2-1+8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus			

Note: HYPERPLASTIC-APPEARING STROMA

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000115

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
* 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		

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Kidney		Nephropathy	Minimal
* Liver			
Note: FOCAL NECROSIS SEEN			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 386

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9000116

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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-9]			
* Ovary		Cyst	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-1]			
* Thymus		Lymphoma Malignant Mixed	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

Animal Note: SMALL INFILTRATES OF LYMPHOID CELLS IN MANY ORGANS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 387

TRT#: 2

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000117

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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-2]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 388	TRT#: 2	SEX: Female	DAY ON TEST: 373
	DOSE: 0 MG/KG	DISP: Dosing Accident	HISTO: 9000118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* 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

Harderian Gland

OBSERVATIONS

* Esophagus	Periesoph Tiss	Inflammation Perforation Nephropathy	Suppurative, Moderate
* Kidney			Minimal
* Lung			
Note: SIGNIFICANT MEDIASTINAL SUPPURATION			
* Spleen		Depletion Lymphoid	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO ESOPHAGEAL PERFORATION/DOSING TRAUMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 389

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000119

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	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Clitoral Gland	Harderian Gland
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Inflammation	Chronic Active, Mild
Lymph Node	Inguinal	Lymphoma Malignant Lymphocytic	
	Lumbar	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 4,5,6-7+8+9,2-3+7]		
	[Lymphoma Malignant Lymphocytic TGLS = 4,5,6-7+8+9,2-3+7]		
	[Lymphoma Malignant Lymphocytic TGLS = 4,5,6-7+8+9,2-3+7]		
	[Lymphoma Malignant Lymphocytic TGLS = 4,5,6-7+8+9,2-3+7]		
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 4,5,6-7+8+9,2-3+7]		
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 4,5,6-7+8+9,2-3+7]		
* Ovary		Lymphoma Malignant Lymphocytic	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin		Inflammation	Chronic Active, Moderate

Note: LESION ON FACE IS ULCERATIVE DERMATITIS
 [Inflammation TGLS = 1-9]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 389

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000119

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen
[Lymphoma Malignant Lymphocytic TGLS = 3-1]

Lymphoma Malignant Lymphocytic

* Uterus

Hyperplasia

Cystic, Minimal

Lymphoma Malignant Lymphocytic

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 390	TRT#: 2	SEX: Female	DAY ON TEST: 661
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9000120

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	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland	Harderian Gland	* Lymph Node, Mandibular	
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OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney			
Note: FLOATER (WITH AMYLOIDOSIS) FROM ANOTHER CASE AND STUDY			
Note: RENAL TISSUE FLOATER ON SLIDE 03			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-9]			
* Ovary		Cystadenoma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO LIVER TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 392

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Lymphoma Malignant Mixed	
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3,4-9]			
* Ovary		Cyst	
[Cyst TGLS = 2-6]			
* Pancreas		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Minimal
Note: LYMPHOID FOLLICLES ENLARGED, POSSIBLE EARLY LYMPHOMA			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hemangiosarcoma	
		Lymphoma Malignant Mixed	
[Hemangiosarcoma TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 393

TRT#: 2

SEX: Female

DAY ON TEST: 581

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9000123

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
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Lymphoma Malignant Lymphocytic	
* Liver	Lymphoma Malignant Lymphocytic	
* Lung	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric	Lymphoma Malignant Lymphocytic	
* Spleen	Lymphoma Malignant Lymphocytic	
* Uterus	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH -

Animal Note: DEATH DUE TO MALIG LYMPHOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 394

TRT#: 2

SEX: Female

DAY ON TEST: 707

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-8]			
* Spleen		Hyperplasia	Plasma Cell, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO ABDOMINAL SKIN TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 395 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 611
DOSE: 0 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 9000125

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	* 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	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland

OBSERVATIONS

* Bone		Hepatocholangiocarcinoma	Metastatic (Liver)
* Heart		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 7-2]		
* Kidney		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 3-1+10]		
* Liver		Hepatocholangiocarcinoma	
	[Hepatocholangiocarcinoma TGLS = 2,9-11+1]		
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
	[Hepatocholangiocarcinoma TGLS = 5,6-2]		
Lymph Node	Bronchial	Hepatocholangiocarcinoma	Metastatic (Liver)
	Mediastinal	Hepatocholangiocarcinoma	Metastatic (Liver)
Skeletal Muscle		Hepatocholangiocarcinoma	Metastatic (Liver)
	Note: METASTASIS TO MULTIPLE SKEL MUSC SITES		
	[Hepatocholangiocarcinoma TGLS = 1-8,4-12,8-9]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hepatocholangiocarcinoma	Metastatic (Liver)

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO DISSEMINATED HEPATOCHOL CA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 396

TRT#: 2

SEX: Female

DAY ON TEST: 618

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* 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
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	Harderian Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Neuron	Necrosis	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
Peripheral Nerve		Degeneration	Moderate
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF NEURONAL NECROSIS NOT FOUND

Animal Note: MORIBUND COND DUE TO BRAIN NECROSIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 397

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000127

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
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-8]		
* Ovary	Cystadenoma	
[Cystadenoma TGLS = 1-6]		
* Parathyroid Gland	Cyst	
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 398

TRT#: 2

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* 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

MISSING

* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: MANY EOS FOCI OR EARLY ADENOMAS			
[Eosinophilic Focus TGLS = 2,4-8+9]			
[Hepatocellular Adenoma TGLS = 3,5-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 399

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 728
HISTO: 9000129

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	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Minimal
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 5-9]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 6-10]			
[Hepatocellular Carcinoma TGLS = 4-8]			
* Pancreas		Atrophy	Marked
	Duct	Cyst	
[Cyst TGLS = 3-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
Note: EXCESSIVE LYMPHOID COMPONENT IN RED PULP CONTRIB TO TGL-2			
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 399

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000129

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GENERALIZED EXCESSIVE LYMPHOID INFILTRATES

Animal Note: EMH IN L. NODES, ADRENALS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 400	TRT#: 2	SEX: Female	DAY ON TEST: 7
	DOSE: 0 MG/KG	DISP: Dosing Accident	HISTO: 9000130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Gallbladder
Harderian Gland	* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Esophagus	Periesoph Tiss	Inflammation	Suppurative, Mild
* Spleen		Depletion Lymphoid	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-
Animal Note: DEATH DUE TO ESOPHAGEAL PERFORATION/DOSING TRAUMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 401

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000131

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
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Thymus	Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 402

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000132

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Lymphoma Malignant Mixed	
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: MULTIPLE FOCI [Hepatocellular Adenoma TGLS = 2,3-1+8]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-1]			
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: LYMPHOID INFILTRATES IN MANY ORGANS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 403

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 3-1]		
[Hepatocellular Carcinoma TGLS = 1-8]		
* Ovary	Cyst	
Note: BILATERAL CYSTS		
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-1]		
* Stomach, Forestomach	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 4-9]		

PRIMARY CAUSE OF DEATH -

Animal Note: WITH ASS'D MICROABSCCESS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 404

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 492
HISTO: 9000134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Heart		Mineralization	Minimal
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-1+2]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-8]			
* Stomach, Forestomach		Hyperplasia	Focal, Moderate
* Thymus		Histiocytic Sarcoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: HISTIO SARC IN NUMEROUS VESSELS/ORGANS

Animal Note: DEATH DUE TO HISTIO SARC

Animal Note: MULTIPLE FOCI, ASSOC'D WITH ULCERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 405

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000135

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 3-8]			
[Hepatocellular Adenoma TGLS = 2,5-8+1]			
[Mixed Cell Focus TGLS = 4-8]			
* Ovary		Cyst	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

Animal Note: GENERAL BUT EQUIVOCAL LYMPHOID HYPERPLASIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 406

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000136

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
* 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	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 407

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000137

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		

MISSING

Harderian Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 408

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000138

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, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland	* Lymph Node, Mandibular	* Salivary Glands
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 409

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000139

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
* 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		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 410	TRT#: 2	SEX: Female	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000140

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia Myelofibrosis	Mild Minimal
* Kidney		Cyst	
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Ovary			
Note: ONLY 1 OVARY IN SECTION PLANE			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 3-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
[Hyperplasia TGLS = 4-2]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH -

Animal Note: X-ZONE ACTIVATION, POSS RELATED TO SECRETING PIT LESION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 411

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000201

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, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Kidney Note: HETEROTOPIC BONE NOTED	Nephropathy	Minimal
* Stomach, Forestomach [Hyperplasia TGLS = 1-8]	Hyperplasia	Focal, Minimal
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 412

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000202

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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Ovary	Cyst	
[Cyst TGLS = 1-6]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL-2 = THICKENED MUSC WALL, SUBMUCOSA AND MUCOSA

Animal Note: THICK AREA INTERPRETED AS INCOMPLETE INFUSION/CUT FUNCTION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 413

TRT#: 4

SEX: Female

DAY ON TEST: 617

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Ectopic Tissue	
		Necrosis	Mild
[Ectopic Tissue TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TWO EROSIONS NOTED

Animal Note: MORIBUND COND PRESUMED RELATED TO PITUITARY DYSFUNCTION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 414

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000204

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
* 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		

MISSING

Harderian Gland

OBSERVATIONS

* Brain	Neuron	Necrosis	Minimal
Note: MINUTE AREA OF DEAD NEURONS IN HIPPOCAMPUS			
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 415

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000205

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
* Kidney	* 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

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 416

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000206

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
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Spleen	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 1-1]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 417

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000207

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	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-8]			
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-9]			
* Spleen		Lymphoma Malignant Mixed	

Note: DX BASED UPON OTHER ABDOMINAL CHANGES

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL-3 NOT FOUND AT MICRO

Animal Note: WRINKLED MUCOSA MAY HAVE BEEN ATTRIB TO TGL-3

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 418	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000208

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	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Atrophy	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 419

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000209

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	* Uterus		

MISSING

Harderian Gland

OBSERVATIONS

* Mammary GI

Note: FOCAL GRANULOMA IN SKEL MUSC UNDER MAMMARY SECTION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 420

TRT#: 4

SEX: Female

DAY ON TEST: 709

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000210

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	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

Mesentery [Necrosis TGLS = 1-8]	Fat	Necrosis	Marked
* Stomach, Forestomach [Cyst TGLS = 2-9]		Cyst	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORIBUND COND UNDETERMINED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 421

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000211

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
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Lymph Node, Mesenteric
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Pancreas		Atrophy	Marked
	Duct	Cyst	
[Cyst TGLS = 1-4]			
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 2-4]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 FOCAL LESION FOUND; MICROABSCCESS NOTED IN ASS'N

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 422

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000212

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, 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	* Uterus		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
Note: HETEROTOPIC BONE NOTED			
* Liver		Angiectasis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 423	TRT#: 4	SEX: Female	DAY ON TEST: 730
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000213

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Pancreas		Atrophy	Moderate
	Duct	Cyst	
[Cyst TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 3-4]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 424

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000214

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	* Uterus		

MISSING

Harderian Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 425

TRT#: 4

SEX: Female

DAY ON TEST: 618

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000215

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	* Pituitary Gland	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Brain	Neuron	Necrosis	Minimal
Peripheral Nerve		Degeneration	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 2-13]			
* Uterus		Histiocytic Sarcoma	
Note: HISTIO SARC IN CERVIX			
[Histiocytic Sarcoma TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: HYPERPLASIA ASS'D WITH MICROABSCCESS

Animal Note: MORIBUND SAC DUE TO LIMB PARALYSIS

Animal Note: PARALYSIS DUE TO BRAIN NECROSIS/SCIATIC DEGEN

Animal Note: NEURO SIGNS POSSIBLY RELATED TO EARLY HISTIO SARC EMBOLI

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 426

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Blood Vessel	Harderian Gland	* Lymph Node, Mesenteric
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 427

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000217

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	* Uterus		

MISSING

Harderian Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 428

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Blood Vessel	Harderian Gland	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 429

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000219

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	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLS = 2-8]	Hyperplasia	Lymphoid, Marked
* Kidney	Nephropathy	Minimal
* Uterus [Hyperplasia TGLS = 1-6]	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 430

TRT#: 4

SEX: Female

DAY ON TEST: 707

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000220

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	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Harderian Gland		Adenoma	
* Kidney		Histiocytic Sarcoma	
Note: HISTIO SARC INFILTRATE PLUS ANEMIA PROB CONTRIB TO TGL-7 [Histiocytic Sarcoma TGLS = 7-1]			
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4,5,6,9,10-1+2+12+13]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
Lymph Node	Bronchial	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-11]			
* Nose		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-8]			
* Thymus		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 430

TRT#: 4

SEX: Female

DAY ON TEST: 707

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000220

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Histiocytic Sarcoma

Hyperplasia

Cystic, Mild

[Histiocytic Sarcoma TGLS = 1,2-10+9]

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HISTIO SARC

Animal Note: HISTIO SARC IN MOST ORGANS/TISSUES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 431

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000221

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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Uterus	Hyperplasia	Cystic, Marked
	Polyp Stromal	

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

Animal Note: GENERALIZED INCREASED LYMPHOID INFILTRATES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 432

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000222

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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 433

TRT#: 4

SEX: Female

DAY ON TEST: 589

DOSE: 0 MG/KG FEED RTD

DISP: Natural Death

HISTO: 9000223

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Histiocytic Sarcoma	
* Liver	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-1+2]		
* Ovary	Histiocytic Sarcoma	
* Spleen	Hematopoietic Cell Proliferation	Marked
	Histiocytic Sarcoma	
Note: HISTIO SARC CONTRIBUTES TO TGL-2		
[Hematopoietic Cell Proliferation TGLS = 2-8]		
* Stomach, Glandular	Erosion	Marked
[Erosion TGLS = 4-9]		
* Thymus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL-3 NODE LOST IN PROCESSING; PRESUMED TO BE HISTIOSARC

Animal Note: "EROSION" IS FRANK ULCER; ONLY 1 LESION PRESENT ON SLIDE

Animal Note: DEATH DUE TO HISTIO SARC

Animal Note: TGL-3, ENLARGED MEDIASTINAL LN, NOT IN BLOCK 2

Animal Note: HISTIO SARC IN BLOOD VESSELS/SINUSOIDS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 434

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000224

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	* 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
* Uterus			

MISSING

Harderian Gland	* Intestine Small, Jejunum
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 435

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000225

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	* Uterus		

MISSING

Harderian Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 436

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000226

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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Thymus
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OBSERVATIONS

* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Moderate
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-1]			
* Ovary		Cyst	
[Cyst TGLS = 2-6]			
* Pancreas		Atrophy	Moderate
	Duct	Cyst	
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:32
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 437

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000227

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
* 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			

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex	Accessory Adrenal Cortical Nodule	
* Bone Marrow	Myelofibrosis	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]		
* Stomach, Forestomach	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 2-4]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 438

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000228

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
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Intestine Small, Jejunum	Inflammation	Chronic Active, Mild
* Lung	Alveolar/Bronchiolar Carcinoma	

[Alveolar/Bronchiolar Carcinoma TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 439

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000229

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
Note: TGL-4 NOT FOUND ON MULTIPLE RECUTS			
[Eosinophilic Focus TGLS = 3-1]			
[Hepatocellular Carcinoma TGLS = 2-8]			
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 5-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 440

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000230

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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-9]			
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 3-8]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 441

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thymus

MISSING

Harderian Gland

* Parathyroid Gland

OBSERVATIONS

* Kidney
* Uterus

Nephropathy
Hemangiosarcoma
Thrombosis

Minimal

Note: POSSIBLE EARLY HEMANGIOSARC WITH THROMBOSIS
[Thrombosis TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 442

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Kidney	Nephropathy	Minimal
* Stomach, Forestomach [Hyperplasia TGLS = 1-4]	Hyperplasia	Focal, Minimal
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 443

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000233

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
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-1]			
Mesentery		Lipoma	
[Lipoma TGLS = 1,2-8+9]			
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 444

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Stomach, Forestomach [Hyperplasia TGLS = 1-8]	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 445

TRT#: 4

SEX: Female

DAY ON TEST: 611

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland * Ovary

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Blood Vessel		Mineralization	Mild
* Heart		Mineralization	Minimal
* Kidney		Mineralization	Moderate
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
		Necrosis	Minimal
	[Eosinophilic Focus TGLS = 1-8]		
	[Hepatocellular Carcinoma TGLS = 2-9]		
* Ovary			
	Note: BOTH OVARIES JUST OUT OF PLANE OF SECTION		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Mineralization	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: POSSIBLE HYPERCALCEMIA OF MALIGNANCY

Animal Note: MORIBUND COND DUE TO LIVER TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 446

TRT#: 4

SEX: Female

DAY ON TEST: 721

DOSE: 0 MG/KG FEED RTD

DISP: Natural Death

HISTO: 9000236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* 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

* Adrenal Medulla	Harderian Gland
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OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia Myelofibrosis	Mild Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hemangiosarcoma Hematopoietic Cell Proliferation	Mild
[Hemangiosarcoma TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO HEMANGIOSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 447

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia Myelofibrosis	Mild Minimal
* Lung [Hemangiosarcoma TGLS = 2-8]	Mediastinum	Hemangiosarcoma	
* Ovary Note: BLOOD-FILLED CYST [Cyst TGLS = 1-9]		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach [Hyperplasia TGLS = 3-4+10]		Hyperplasia Squamous Cell Papilloma	Focal, Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MULTIPLE FOCI NOTED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 448

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000238

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, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Mesentery		Inflammation	Suppurative, Marked
Note: ADHESIONS TO UTERUS, COLON, OVARY			
[Inflammation TGLS = 1-8]			
* Ovary		Inflammation	Suppurative, Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 3-4]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
Note: SUPPURATIVE INFLAM IN UTERINE LUMEN			
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MES NODE - PLASMACYTOSIS
 Animal Note: FOCI HAVE ABSCESED CORES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 448

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000238

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: APPARENT OVARIAN ABSCESS, LEAKING TO ABDOMINAL CAVITY

Animal Note: MULTIPLE FOCI

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 449

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Uterus	

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-1]		
* Ovary	Cyst	
* Stomach, Forestomach	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 450

TRT#: 4

SEX: Female

DAY ON TEST: 720

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000240

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, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Hyperplasia	Focal, Minimal
* Uterus	Neoplasm Nos	

[Neoplasm Nos TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND CONDITION DUE TO NEOPLASM,NOS (UTERUS)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 451

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000241

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, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]		
* Stomach, Forestomach	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 2-4]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: FOCAL LESION IN MUCOSA ALMOST CUT AWAY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 452

TRT#: 4

SEX: Female

DAY ON TEST: 723

DOSE: 0 MG/KG FEED RTD

DISP: Natural Death

HISTO: 9000242

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
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Harderian Gland		Adenoma	
[Adenoma TGLS = 3-8]			
* Liver			
Note: SINUSOIDAL GRANULOCYTOSIS/SEPSIS			
Lymph Node	Bronchial	Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Mild
Mesentery		Inflammation	Suppurative, Moderate
* Ovary		Inflammation	Suppurative, Marked
Note: NUMEROUS ROD-SHAPED BACTERIA NOTED			
Note: ONE CYST MOSTLY CLEAR, ONE FRANK ABSCESS			
[Inflammation TGLS = 1,2-6+10]			
* Pancreas		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 4-4+9]			
* Uterus		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 452

TRT#: 4

SEX: Female

DAY ON TEST: 723

DOSE: 0 MG/KG FEED RTD

DISP: Natural Death

HISTO: 9000242

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MULTIPLE "FOCAL" LESIONS

Animal Note: DEATH DUE TO SEPSIS/ENDOTOXIC SHOCK/OVARIAN ABSCESS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:50:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 453

TRT#: 4

SEX: Female

DAY ON TEST: 707

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000243

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 | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | Peripheral Nerve | * Pituitary Gland |
| * Salivary Glands | * Skin | Spinal Cord | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- | | | |
|-----------------|---------------------|----------|
| Harderian Gland | * Parathyroid Gland | * Thymus |
|-----------------|---------------------|----------|

OBSERVATIONS

- | | | | |
|---|--------------|----------------------------------|---------|
| * Bone Marrow | Myeloid Cell | Hyperplasia | Mild |
| * Brain | Neuron | Necrosis | Minimal |
| * Liver | | Histiocytic Sarcoma | |
| Note: SIGNIFICANT EMH IN LIVER | | | |
| [Histiocytic Sarcoma TGLS = 2-1+2] | | | |
| * Lung | | Histiocytic Sarcoma | |
| * Spleen | | Hematopoietic Cell Proliferation | Marked |
| [Hematopoietic Cell Proliferation TGLS = 1-1] | | | |

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HISTIO SARC

Animal Note: HISTIO SARC EMBOLI INDUCED NERVOUS TISS INFARCT/NECROSIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 454

TRT#: 4

SEX: Female

DAY ON TEST: 686

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000244

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	
Note: CYST FILLED WITH CLOTTED BLOOD [Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO CLOT/HEMORRHAGE IN OVARY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 455

TRT#: 4

SEX: Female

DAY ON TEST: 464

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000245

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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

Harderian Gland

OBSERVATIONS

* Brain		Lymphoma Malignant Lymphocytic	
Ear	Internal Ear	Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
		Necrosis	Minimal
* Pituitary Gland		Lymphoma Malignant Lymphocytic	

Note: PIT GLAND OBLITERATED BY INVASIVE ROUND CELLS

[Lymphoma Malignant Lymphocytic TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO INVASIVE PIT TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 456	TRT#: 4	SEX: Female	DAY ON TEST: 726
	DOSE: 0 MG/KG FEED RTD	DISP: Terminal Sacrifice	HISTO: 9000246

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
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 457

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000247

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	* Uterus		

MISSING

Harderian Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 458

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000248

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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Lymph Node, Mesenteric	Lymphoma Malignant Mixed
[Lymphoma Malignant Mixed TGLS = 1-4]	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 459

TRT#: 4

SEX: Female

DAY ON TEST: 7

DOSE: 0 MG/KG FEED RTD

DISP: Dosing Accident

HISTO: 9000249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Gallbladder
Harderian Gland	* 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
* Uterus			

OBSERVATIONS

* Esophagus	Periesoph Tiss	Inflammation	Suppurative, Mild
		Perforation	
* Spleen		Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH CAUSED BY ESOPHAGEAL PERFORATION/DOSING TRAUMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 460

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000250

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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Ovary Cyst

Note: HEMATOCYST

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 461

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000251

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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 1-4]	Lymphoma Malignant Mixed	
* Liver	Clear Cell Focus	
	Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
* Spleen	Lymphoma Malignant Mixed	
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:50:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 462

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG FEED RTD

DISP: Scheduled Sacrifice

HISTO: 9000252

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
* 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	* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Stomach, Forestomach [Hyperplasia TGLS = 1-8]	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: HYPERPLASIA ASS'D WITH FOCAL ULCER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 463

TRT#: 4

SEX: Female

DAY ON TEST: 726

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000253

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	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Harderian Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-10]			
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 5-11]			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-12,1-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 6-12,1-8]			
* Pancreas		Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-1+9]			

PRIMARY CAUSE OF DEATH

-

Animal Note: ADDITIONAL MEDIAST NODES WITH MIXED LYMPHOMA ON SLIDE 7

Animal Note: MES NODES IN BLOCK 12 ALSO DEPICT MALIG LYMPH MIXED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 464

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000254

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		

MISSING

Harderian Gland	* Pituitary Gland
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OBSERVATIONS

* Gallbladder			
Note: SOME ACUTE INFLAM NOTED			
* Stomach, Forestomach		Hyperplasia	Focal, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 465

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000255

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, 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	* Uterus		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-1+2+8]		
* Parathyroid Gland	Cytoplasmic Alteration	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 466

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000256

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	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 2-7]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary			
Note: SOME TUBULAR HYPERPLASIA NOTED			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 467

TRT#: 4

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000257

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, 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	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Intestine Small, Ileum
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Liver	Angiectasis	Minimal
* Spleen	Hyperplasia	Lymphoid, Moderate
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL-1, PRESUMED MINUTE FOCAL HYPERPLASIA

Animal Note: TGL-1 APPARENTLY CUT AWAY AT MICROTOMY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 468	TRT#: 4	SEX: Female	DAY ON TEST: 457
	DOSE: 0 MG/KG FEED RTD	DISP: Scheduled Sacrifice	HISTO: 9000258

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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla	Harderian Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
* Thyroid Gland	Inflammation	Chronic Active, Minimal
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 469

TRT#: 4

SEX: Female

DAY ON TEST: 630

DOSE: 0 MG/KG FEED RTD

DISP: Moribund Sacrifice

HISTO: 9000259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Gallbladder	Harderian Gland
* 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	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Brain	Neuron	Necrosis	Moderate
* Islets Panc			
Note: APPARENT PAUCITY OF ISLETS NOTED			
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF NEURONAL NECROSIS UNCERTAIN

Animal Note: MINUTE ULCER ASS'D WITH FOCAL LESION

Animal Note: NECROSIS MAY HAVE BEEN RELATED TO ISLET ATROPHY

Animal Note: MORIBUND COND DUE TO NEURONAL NECROSIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 470

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG FEED RTD

DISP: Terminal Sacrifice

HISTO: 9000260

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, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 471

TRT#: 6

SEX: Female

DAY ON TEST: 594

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000331

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, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Harderian Gland * Thymus

OBSERVATIONS

* Brain	Neuron	Necrosis	Mild
* Intestine Small, Duodenum		Ulcer	Minimal
* Islets, Pancreatic		Adenoma	
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Note: WITH SINUS ECTASIA			
[Hyperplasia TGLS = 2-7]			
* Stomach, Forestomach		Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 3-4]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO NEURONAL NECROSIS & ISLET TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 472

TRT#: 6

SEX: Female

DAY ON TEST: 708

DOSE: 1 MG/KG

DISP: Natural Death

HISTO: 9000332

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, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4-1+2+11]			
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3,5-8+10]			
[Lymphoma Malignant Lymphocytic TGLS = 3,5-8+10]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3,5-8+10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-9]			
* Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 5-10]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: DEATH DUE TO MALIG LYMPH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 473

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000333

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
* Kidney	* 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			

MISSING

Harderian Gland	* Urinary Bladder
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney			
Note: HETEROTOPIC BONE NOTED			
* Liver		Mixed Cell Focus	
* Lung		Inflammation	Chronic Active, Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-8]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-6+4]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 474	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 1 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* 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	* Uterus

MISSING

* Clitoral Gland	Harderian Gland
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OBSERVATIONS

* Adrenal Cortex	Capsule	Adenoma	
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 475

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000335

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, 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	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland * Intestine Small, Duodenum

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]		
* Ovary	Fibroma	
[Fibroma TGLS = 2-6]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 476

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000336

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
* 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	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Liver	Eosinophilic Focus	
* Ovary	Cyst	
Note: CYST PRESENT MICROSCOPICALLY AS PARAOVARIAN SPACE		
Note: ONLY 1 OVARY ON SLIDE		
[Cyst TGLS = 2-6]		
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 477

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000337

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
* 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		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Kidney	Nephropathy	Minimal
* Ovary	Cyst	
Note: CYST IS BLOOD-FILLED [Cyst TGLS = 1-6]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 478

TRT#: 6

SEX: Female

DAY ON TEST: 680

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000338

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
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland * Thymus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLS = 4-8]		
	[Hepatocellular Carcinoma TGLS = 3-1]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLS = 1-9]		
* Uterus		Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLS = 2-6]		

PRIMARY CAUSE OF DEATH -

Animal Note: UNILATERAL

Animal Note: MORIBUND COND DUE TO FIBROSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 479

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000339

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	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Clitoral Gland	Duct	Ectasia	Moderate
Note: DILATED DUCT CONTAINS PIGMENTED DEBRIS			
Note: CLIT GLAND TYPICAL OF AGE-ASS'D CHANGE			
[Ectasia TGLS = 1-7]			
* Kidney	Artery	Inflammation	Chronic Active, Mild
* Ovary		Cyst	
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 480

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000340

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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Ovary Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 482

TRT#: 6

SEX: Female

DAY ON TEST: 630

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000342

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland * Thymus

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-1+2]			
* Ovary		Cyst	
[Cyst TGLS = 2-8]			
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HISTIO SARC

Animal Note: HISTIOCYTIC CELLS IN VESSELS/SINUSES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 483

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000343

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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Kidney Note: HETEROTOPIC BONE NOTED		Nephropathy	Minimal
* Liver [Eosinophilic Focus TGLS = 3-1]		Eosinophilic Focus	
* Pancreas [Cyst TGLS = 2-4]	Duct	Cyst	
* Uterus [Hyperplasia TGLS = 1-6]		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 484

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000344

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			

MISSING

Harderian Gland

OBSERVATIONS

* Clitoral GI			
Note: ONLY TRACE OF CLIT PRESENT FOR EXAM			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL PRESENT FOR EXAM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 485

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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

* Bone Marrow	Myelofibrosis	Minimal
* Liver	Hepatocellular Adenoma	
	Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 1-8]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 487	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 1 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000347

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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Ovary			
Note: ONLY ONE OVARY IN PLANE OF SECTION			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 488

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000348

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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

Harderian Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-8]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary			
Note: INCOMPLETE OVARIES IN PLANE OF SECTION			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 489

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Intestine Large, Cecum

OBSERVATIONS

* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 2-8]		Lymphoma Malignant Mixed	
* Ovary Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland	Pars Intermed	Adenoma	
* Spleen [Lymphoma Malignant Mixed TGLS = 1-1]		Lymphoma Malignant Mixed	
* Stomach, Forestomach		Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ULCERATED CORE OF LESION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 491

TRT#: 6

SEX: Female

DAY ON TEST: 708

DOSE: 1 MG/KG

DISP: Natural Death

HISTO: 9000351

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

MISSING

Harderian Gland

OBSERVATIONS

* Liver	Eosinophilic Focus	
* Ovary		
Note: ONLY 1 OVARY PRESENT FOR EXAM		
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH NOT DETERMINED

Animal Note: BLOOD AROUND ESOPHAGUS, IN CHEST SUGGESTIVE OF TRAUMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 493

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000353

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
* Mammary Gland	* Nose	* Ovary	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Lymphoma Malignant Mixed	
* Liver		Angiectasis	Marked
		Hepatocellular Adenoma	Multiple
		Necrosis	Mild
[Angiectasis TGLS = 10-11]			
[Hepatocellular Adenoma TGLS = 7,9,11-8+1]			
[Necrosis TGLS = 8-1]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6-10]			
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6-10]			
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6-10]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6-10]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6-10]			
* Pancreas		Lymphoma Malignant Mixed	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 493	TRT#: 6	SEX: Female	DAY ON TEST: 728
	DOSE: 1 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000353

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Lymphoma Malignant Mixed	

PRIMARY CAUSE OF DEATH

-

Animal Note: LYMPHOMA IN ADDITIONAL MISC TISSUES

Animal Note: LYMPHOMA VARIES IN APPEARANCE FROM WELL TO UNDIFFEREN'ED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 494

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000354

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	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Skin	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-8]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 495

TRT#: 6

SEX: Female

DAY ON TEST: 590

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000355

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 2-10]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-9]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-8]			
* Thymus		Atrophy	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO ALV BRONCH CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 496

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Pituitary Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pancreas	Duct	Cyst	
[Cyst TGLS = 3-4]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-1]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 497

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Kidney	Nephropathy	Minimal
* Ovary	Cyst	
Note: EMBRYOLOGIC REMNANT TYPE		
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 498	TRT#: 6	SEX: Female	DAY ON TEST: 726
	DOSE: 1 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000358

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
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

Harderian Gland	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 501	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 1 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000361

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, 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	* Uterus	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
Lymph Node	Renal	Angiectasis	Marked
[Angiectasis TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

Animal Note: DILATED SINUS, FILLED WITH BLOOD

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 502

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000362

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			

MISSING

Harderian Gland

OBSERVATIONS

* Uterus	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 503

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000363

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
* Liver	* 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	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
Harderian Gland	Inflammation	Chronic Active, Mild
* Kidney	Nephropathy	Minimal
* Uterus	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 504

TRT#: 6

SEX: Female

DAY ON TEST: 705

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000364

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
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia Myelofibrosis	Mild Minimal
* Kidney		Nephropathy	Minimal
* Lymph Node, Mesenteric [Hyperplasia TGLS = 3-4]		Hyperplasia	Lymphoid, Marked
* Ovary		Cyst Inflammation	Suppurative, Marked
Note: CYST-RIGHT, INFLAM-LEFT Note: INFLAM IS ACTUALLY MORE PYOGRANULOMATOUS [Cyst TGLS = 1-6] [Inflammation TGLS = 2-6]			
Peripheral Nerve		Degeneration	Minimal
Spinal Cord	White Matter	Degeneration	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO OVARIAN INFLAM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 505

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000365

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		

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 3,4-1+9]		
[Hepatocellular Carcinoma TGLS = 2-8]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 506

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
Note: MULTINODULAR OR MULTIPLE LESION [Hepatocellular Adenoma TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 507

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Lymph Node, Mandibular
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Eosinophilic Focus	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 508

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000368

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
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Uterus	Hyperplasia	Cystic, Minimal

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 509

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000369

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Kidney	Nephropathy	Minimal
* Ovary	Cyst	
Note: BILATERAL CYSTS [Cyst TGLS = 1-6]		
* Thymus	Atrophy	Minimal
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 510

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 4-9]		
	[Hepatocellular Carcinoma TGLS = 3-8]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Ovary		Cyst	
* Pancreas			
	Note: NECROTIC LIVER CA TRIMMED AS POSSIBLE PANC CYSTS		
	Note: PANC CYSTS NOT FOUND AT TRIM		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Uterus		Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

Animal Note: MYXOMATOUS THROMBUS IN VEIN & ATTACHED TO LIVER CA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 511

TRT#: 6

SEX: Female

DAY ON TEST: 448

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000371

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	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

Harderian Gland	* Lymph Node, Mesenteric	* Thymus
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OBSERVATIONS

* Adren Cortex			
Note: MODERATE EMH IN ADRENAL CORTEX			
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Minimal
		Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
Mesentery	Fat	Necrosis	Marked
Note: NECROTIC FAT WITH INFLAM ON MULTIPLE SLIDES			
[Necrosis TGLS = 2-9]			
* Pancreas		Atrophy	Mild
	Duct	Cyst	
		Inflammation	Chronic Active, Moderate
[Cyst TGLS = 3-10]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO PANCREATIC INFLAM & PERITONITIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 512

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000372

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
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
Note: HETEROTOPIC BONE NOTED			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-9]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Bronchial	Lymphoma Malignant Mixed	
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Ovary		Cyst	
Note: LARGE BLOOD-FILLED CYST			
* Pancreas	Duct	Atrophy	Moderate
		Cyst	
[Cyst TGLS = 3-11]			
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-10]			
* Thymus		Lymphoma Malignant Mixed	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Angiectasis	Mild
[Angiectasis TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 512

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000372

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 513

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000373

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

MISSING

Harderian Gland

OBSERVATIONS

* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-1]		
* Ovary		
Note: ONLY 1 FULL OVARY ON SLIDE(S)		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 514

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000374

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Liver		Developmental Malformation Eosinophilic Focus	
	[Developmental Malformation TGLS = 2-8]		
	[Eosinophilic Focus TGLS = 5-1]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2]		
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-9]		
* Pituitary Gland		Angiectasis	Marked
	Pars Distalis	Hyperplasia	Moderate
	[Angiectasis TGLS = 4-7]		
	[Hyperplasia TGLS = 4-7]		
* Thymus		Lymphoma Malignant Lymphocytic	
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 515

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000375

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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
Note: LESION ON SLIDE 1 INTERPRETED TO BE PART OF TGL-1 [Hepatocellular Adenoma TGLS = 1-8] [Mixed Cell Focus TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Fibrosis	Chronic Active, Moderate
Note: PSEUDOSARCOMATOUS FASCIITIS IN THE MOUSE			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 516

TRT#: 6

SEX: Female

DAY ON TEST: 726

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney			
Note: HETEROTOPIC BONE NOTED			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-1]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 517

TRT#: 6

SEX: Female

DAY ON TEST: 532

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000377

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
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Liver	Histiocytic Sarcoma	
Note: MODERATE EMH [Histiocytic Sarcoma TGLS = 1-2+8]		
* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-9]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: HISTIOCYTIC CELLS IN VARIOUS BLOOD SPACES

Animal Note: MORIBUND COND DUE TO HISTIO SARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 518

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000378

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

Harderian Gland	* Mammary Gland
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OBSERVATIONS

* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLS = 2,4-8+9]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLS = 3-2]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLS = 1-10]		
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 519

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000379

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	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Ovary	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Clitoral Gland	Harderian Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow	Lymphoma Malignant Lymphocytic	
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
	Lymphoma Malignant Lymphocytic	
	Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 3-2]		
* Lung	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric	Lymphoma Malignant Lymphocytic	
Mesentery	Lymphoma Malignant Lymphocytic	
* Ovary		
Note: ONLY ONE FULL OVARY ON SLIDE(S)		
* Pancreas	Lymphoma Malignant Lymphocytic	
* Salivary Glands	Lymphoma Malignant Lymphocytic	
* Skin	Lymphoma Malignant Lymphocytic	
Subcut Tiss		
[Lymphoma Malignant Lymphocytic TGLS = 1-7]		
* Spleen	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-1]		
* Thymus	Lymphoma Malignant Lymphocytic	
* Urinary Bladder	Lymphoma Malignant Lymphocytic	
* Uterus	Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 519

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000379

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: MALIG LYMPH IN VARIOUS MISC TISSUES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 520

TRT#: 6

SEX: Female

DAY ON TEST: 726

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000380

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	* Nose	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Brain			
Note: VENTRAL COMPRESSION OF BRAIN PRESENT			
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 521

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
Eye	* 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	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-9]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 522

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000382

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, 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			

MISSING

Harderian Gland	* Ovary
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
* Ovary		
Note: OVARIES CUT AWAY		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 523

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000383

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	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Uterus	Hyperplasia	Cystic, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 524

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Medulla	* Parathyroid Gland
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OBSERVATIONS

* Adren Medulla		
Note: ONLY 1 ADRENAL, NO MEDULLAS IN PLANE OF SECTION		
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
Note: MASS ON SLIDE 8 (TGL-2) ALSO ON SLIDE 2 [Hepatocellular Adenoma TGLS = 2-8]		
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-9]		
* Pancreas	Lymphoma Malignant Mixed	
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 526

TRT#: 6

SEX: Female

DAY ON TEST: 415

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Esophagus	Periesoph Tiss	Inflammation	Suppurative, Minimal
* Pancreas		Atrophy	Minimal
		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
* Uterus		Hyperplasia	Cystic, Marked
		Inflammation	Chronic Active, Moderate

[Hyperplasia TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO PYOMETRA/PERITONITIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 527

TRT#: 6

SEX: Female

DAY ON TEST: 694

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000387

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
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia Myelofibrosis	Mild Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus			

Note: SOME SUPPURATIVE EXUDATE NOTED

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO LUNG TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 528

TRT#: 6

SEX: Female

DAY ON TEST: 726

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000388

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

MISSING

Harderian Gland	* Lymph Node, Mandibular	* Thymus	* Urinary Bladder
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 7,8-2+11]			
[Hepatocellular Carcinoma TGLS = 3,4,5-8+9+10]			
Mesentery	Fat	Necrosis	Mild
Note: SOME TRACE INFLAMMATION OF ASSOC FAT ALSO PRESENT			
[Necrosis TGLS = 6-12]			
* Ovary		Cyst	
[Cyst TGLS = 2-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 531

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000391

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
* 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	* Uterus

MISSING

* Gallbladder	Harderian Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 532	TRT#: 6	SEX: Female	DAY ON TEST: 726
	DOSE: 1 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000392

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, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Intestine Small, Ileum	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 533

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 534

TRT#: 6

SEX: Female

DAY ON TEST: 562

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000394

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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Liver		Eosinophilic Focus Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-8]			
* Ovary		Mineralization	Mild
Note: MINERAL WITHIN APPARENT OSTEOID FOCUS			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
		Sarcoma Stromal	
[Hyperplasia TGLS = 2-6]			
[Sarcoma Stromal TGLS = 4-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO BLOOD LOSS/HEMANGIOSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 535

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000395

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
* Kidney	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Lymph Node, Mandibular	* Thymus
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 1-2]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 536

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 1 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000396

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 3-4]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-1+2]			
[Mixed Cell Focus TGLS = 4-1]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 537

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 1 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Trachea

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Pituitary Gland
* Stomach, Forestomach
* Urinary Bladder

* Blood Vessel
* Clitoral Gland
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Salivary Glands
* Stomach, Glandular

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thymus

MISSING

Harderian Gland

* Parathyroid Gland

* Thyroid Gland

OBSERVATIONS

* Liver
* Uterus

Mixed Cell Focus
Hyperplasia

Cystic, Minimal

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 539

TRT#: 6

SEX: Female

DAY ON TEST: 482

DOSE: 1 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000399

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	* 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
* Uterus			

MISSING

* Clitoral Gland

OBSERVATIONS

Eye	Degeneration	Moderate
Note: DEGEN OF WHOLE EYE, ALL STRUCTURES [Degeneration TGLS = 1-8]		
Harderian Gland	Adenoma	
[Adenoma TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO EYE LESION (HARDER'S TUMOR ASS'D)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 540	TRT#: 6	SEX: Female	DAY ON TEST: 676
	DOSE: 1 MG/KG	DISP: Natural Death	HISTO: 9000400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Medulla [Pheochromocytoma Benign TGLS = 2-7]		Pheochromocytoma Benign	
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Liver [Hepatocellular Adenoma TGLS = 5-1]		Hepatocellular Adenoma	
* Lymph Node, Mandibular [Hyperplasia TGLS = 4-3+7]		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	
* Skin Note: SKIN OVERLYING RIGHT HINDLIMB (TGL-3) [Hemangiosarcoma TGLS = 3-8]	Subcut Tiss	Hemangiosarcoma	
* Spleen [Hematopoietic Cell Proliferation TGLS = 1-1]		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: BILATERAL PHEO

Animal Note: DEATH DUE TO HEMANGIOSARC, ANEMIA, BILAT PHEO

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 541

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000471

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	* Kidney
* 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

* Gallbladder	Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Liver		Hepatocellular Carcinoma Mixed Cell Focus	
[Hepatocellular Carcinoma TGLS = 3-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-9]			
* Thyroid Gland		Inflammation	Chronic Active, Minimal
* Uterus		Angiectasis	Marked
[Angiectasis TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 542

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000472

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			

MISSING

Harderian Gland

OBSERVATIONS

Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
[Cataract TGLS = 1-8]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-1]			
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 543

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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

* Kidney	Nephropathy	Minimal
* Liver [Necrosis TGLS = 2-8]	Necrosis	Mild
* Uterus [Hyperplasia TGLS = 1-6]	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 544

TRT#: 8

SEX: Female

DAY ON TEST: 243

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000474

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	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Urinary Bladder	Artery	Inflammation	Chronic Active, Mild
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PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO ATAXIA

Animal Note: CAUSE OF CLINICAL ATAXIA NOT DETERMINED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 545

TRT#: 8

SEX: Female

DAY ON TEST: 676

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000475

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	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 6-10]			
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-9]		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1,2-8+1+2]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 5-9]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-6]			

PRIMARY CAUSE OF DEATH -

Animal Note: DEATH DUE TO LIVER TUMORS

Animal Note: MULTIPLE FOCI OF HYPERPLASIA; ABSCESSED CENTERS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 546

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
* Ovary	Cyst	
[Cyst TGLS = 1-6]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 547

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000477

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			

MISSING

Harderian Gland

OBSERVATIONS

* Uterus	Hyperplasia	Cystic, Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 548

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000478

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
Note: LESION ON SLIDE 2 INTERP TO BE PART OF MASS ON SLIDE 8 [Hepatocellular Carcinoma TGLS = 1-8]			
* Ovary			
Note: ONLY 1 FULL OVARY DEPICTED			
* Pancreas		Atrophy	Moderate
	Duct	Cyst	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL ON SLIDE

Animal Note: LYMPHOID TISSUES SHOW GENERAL EQUIVOCAL LYMPH HYPERPLASIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 549

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000479

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
* Kidney	* 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	* Uterus		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 550

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000480

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
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Stomach, Forestomach [Hyperplasia TGLS = 1-8]	Hyperplasia	Focal, Mild
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PRIMARY CAUSE OF DEATH

-

Animal Note: TWO FOCI OF HYPERPLASIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 552

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000482

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	* Uterus		

MISSING

Harderian Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 553

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Bone Marrow	Myelofibrosis	Mild
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1,2-8+1]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 554

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000484

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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
* Ovary	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 555

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000485

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	* Uterus		

MISSING

Harderian Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 556

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000486

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
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Lymph Node, Mandibular
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OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLS = 2-9]			
[Hepatocellular Adenoma TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL IN PLANE OF SECTION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 558

TRT#: 8

SEX: Female

DAY ON TEST: 510

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000488

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	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Lymphocytic	
* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Lymphoma Malignant Lymphocytic	
* Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Mediastinal	Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 1-7,2-9,5-10]		
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 1-7,2-9,5-10]		
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 1-7,2-9,5-10]		
* Ovary		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 4-6]		
* Pancreas		Lymphoma Malignant Lymphocytic	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 3-8]		
* Thymus		Lymphoma Malignant Lymphocytic	
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 558

TRT#: 8

SEX: Female

DAY ON TEST: 510

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000488

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: DEATH DUE TO MALIG LYMPH

Animal Note: ANIMAL IS LEUKEMIC; MOST ORGANS ALSO AFFECTED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 559

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000489

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
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Harderian Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Heart		Lymphoma Malignant Undifferentiated Cell Type	
* Kidney		Lymphoma Malignant Undifferentiated Cell Type	
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lung		Lymphoma Malignant Undifferentiated Cell Type	
* Spleen		Hematopoietic Cell Proliferation	Mild
Note: APPARENT CONGESTION CONTRIB TO TGL-2			
[Hematopoietic Cell Proliferation TGLS = 2-9]			
* Thymus		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 4-11]			
* Thyroid Gland		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Lymphoma Malignant Undifferentiated Cell Type	
* Uterus		Hyperplasia	Cystic, Mild
		Lymphoma Malignant Undifferentiated Cell Type	
[Hyperplasia TGLS = 3-6]			
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

-

Animal Note: UNDIFF LYMPH CELLS IN THYMUS AND UTERUS

Animal Note: LYMPHOMA CELLS IN OTHER ORGANS ARE MORE DIFFERENTIATED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 559

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000489

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: LYMPH INFILTRATES IN MISC TISSUE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 561

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000491

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
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 562

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000492

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	* 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

MISSING

Harderian Gland

OBSERVATIONS

* Islets, Pancreatic	Adenoma	
* Pituitary Gl		
Note: LESION TGL-2, PRESUMED CUT AWAY AT MICROTOMY		
* Uterus	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 564

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000494

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	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-8]		
* Lung	Alveolar/Bronchiolar Adenoma	
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 565

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000495

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	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Hepatocellular Adenoma	
[Angiectasis TGLS = 4-1]			
[Hepatocellular Adenoma TGLS = 5-2]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-9]			
* Ovary		Cyst	
		Cystadenoma	
[Cyst TGLS = 2-6]			
* Pancreas		Atrophy	Minimal
Note: GENERALIZED VACUOLAR DEGENERATION DX'ED AS ATROPHY			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 565

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000495

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 566

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 3-8]			
Skeletal Muscle		Rhabdomyosarcoma	
Note: ORIGIN: SKEL MUSC OF INTERCOSTAL AREA			
[Rhabdomyosarcoma TGLS = 1-9]			
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 4-10]			
* Thymus		Atrophy	Minimal
	Mediastinum	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 567

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000497

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
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Pancreas	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 568

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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
* Uterus			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 569

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland

OBSERVATIONS

* Blood Vessel	Aorta	Inflammation	Chronic Active, Moderate
Note: INFLAM AT AORTIC VALVE			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 571

TRT#: 8

SEX: Female

DAY ON TEST: 726

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000501

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, 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
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Intestine Small, Duodenum		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-4]			
* Kidney	Artery	Inflammation	Chronic Active, Mild
* Liver		Eosinophilic Focus	
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MINUTE FOCI CUT AWAY AT MICROTOMY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 572

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000502

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-1]		
* Uterus	Angiectasis	Marked
	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 574

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000504

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	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 1-8]	Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric	Lymphoma Malignant Mixed	
* Spleen	Lymphoma Malignant Mixed	
* Thyroid Gland	Follicular Cel Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: LYMPHOID INFILTRATES IN MAJOR ORGANS

Animal Note: FOCAL LESION PRESUMED CUT AWAY AT MICROTOMY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 575

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000505

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, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Intestine Small, Ileum
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Mammary Gland		Hyperplasia	Mild
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 576

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Esophagus	Periesoph Tiss	Inflammation	Suppurative, Minimal
* Parathyroid Gland		Inflammation	Chronic Active, Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 577	TRT#: 8	SEX: Female	DAY ON TEST: 678
	DOSE: 5 MG/KG	DISP: Moribund Sacrifice	HISTO: 9000507

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	* Kidney
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Heart		Mineralization	Mild
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 3-2]			
* Ovary			
Note: ONLY 1 OVARY ON SLIDE			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 5-4]			
* Thymus		Atrophy	Moderate
* Uterus		Hemangioma	
[Hemangioma TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO METASTATIC LIVER CARC

Animal Note: ONLY 1 LESION ON SLIDE; ULCERATED CENTER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 578

TRT#: 8

SEX: Female

DAY ON TEST: 685

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000508

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
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Eye		Degeneration	Marked
Note: DEGEN OF WHOLE EYE, ALL STRUCTURES			
[Degeneration TGLS = 1-5]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 3-5]			
* Liver		Basophilic Focus	
[Eosinophilic Focus TGLS = 6-1]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
[Carcinoma TGLS = 4-2]			
Lymph Node	Bronchial	Carcinoma	Metastatic (Harderian Gland)
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:50:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 578

TRT#: 8

SEX: Female

DAY ON TEST: 685

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000508

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND COND DUE TO HARDERIAN CARC

Animal Note: TUMOR ALSO METASTATIC TO MEDIASTINAL TISSUES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 579	TRT#: 8	SEX: Female	DAY ON TEST: 730
	DOSE: 5 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000509

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
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 580

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000510

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-2+8]		
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 581

TRT#: 8

SEX: Female

DAY ON TEST: 617

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Necrosis	Mild
	[Hepatocellular Carcinoma TGLS = 1-8]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Ovary		Cyst	
* Pancreas		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HEPATOCELLULAR CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 582

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000512

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

MISSING

Harderian Gland

OBSERVATIONS

* Stomach, Forestomach	Hyperplasia	Focal, Mild
* Uterus	Hyperplasia	Cystic, Mild

[Hyperplasia TGLS = 1,2-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 584

TRT#: 8

SEX: Female

DAY ON TEST: 647

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland * Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,4-10+8]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,4-10+8]			
* Ovary			
Note: GOOD OVARIAN TISSUE NOT REPRESENTED ON SLIDE			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
Note: EMH CONTRIB TO TGL-1			
[Lymphoma Malignant Mixed TGLS = 1-1]			

PRIMARY CAUSE OF DEATH -

Animal Note: DEATH DUE TO MALIG LYMPH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 584

TRT#: 8

SEX: Female

DAY ON TEST: 647

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000514

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: ONLY 1 ADRENAL ON SLIDE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 585

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000515

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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
* Ovary	Cyst	
* Stomach, Forestomach	Hyperplasia	Focal, Mild
	Infiltration Cellular	Plasma Cell, Moderate
	Mast Cell Tumor Benign	
[Hyperplasia TGLS = 2-4]		
* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH -

Animal Note: ABSCESS CORE, PLASMA CELLS ASS'D WITH STOMACH LESION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 586

TRT#: 8

SEX: Female

DAY ON TEST: 726

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-1]			
* Thymus		Lymphoma Malignant Mixed	
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 587

TRT#: 8

SEX: Female

DAY ON TEST: 356

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000517

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
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Stomach, Forestomach [Hyperplasia TGLS = 1-8]	Hyperplasia	Focal, Minimal
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PRIMARY CAUSE OF DEATH

-

Animal Note: COD UNDETERMINED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 588

TRT#: 8

SEX: Female

DAY ON TEST: 706

DOSE: 5 MG/KG

DISP: Natural Death

HISTO: 9000518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLS = 1-8]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-2]		
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL-3 APPARENTLY CUT AWAY AT MICROTOMY

Animal Note: DEATH DUE TO LUNG MASS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 589

TRT#: 8

SEX: Female

DAY ON TEST: 726

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* 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	

OBSERVATIONS

* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 3-4]	Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric [Lymphoma Malignant Mixed TGLS = 2-8]	Lymphoma Malignant Mixed	
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Uterus [Hyperplasia TGLS = 1-6]	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: SOME LYMPH INFILTRATES INTO VARIOUS ORGANS

Animal Note: SPLEEN, MEDIASTINAL NODES MAY BE INVOLVED IN LYMPHOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 590

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Ovary

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Intestine Small, Jejunum		Lymphoma Malignant Lymphocytic	
* Islets Panc			
Note: ISLETS ESSENTIALLY OBLITERATED BY MALIG LYMPH OF PANC			
* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-4]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 3-4]			
Mesentery		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-4+8]			
* Pancreas		Lymphoma Malignant Lymphocytic	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-1]			
* Thymus		Atrophy	Mild
* Uterus		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 590

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000520

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MALIG LYMPH ADHERED TO GUT SEROSA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 591	TRT#: 8	SEX: Female	DAY ON TEST: 728
	DOSE: 5 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000521

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	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Uterus	

MISSING

Harderian Gland	* Parathyroid Gland	* Urinary Bladder
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Mixed Cell Focus	
* Ovary	Cyst	
[Cyst TGLS = 1-6]		
* Stomach, Forestomach	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 2-4]		
* Thyroid Gland	Follicular Cel	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 592

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000522

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
* 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		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Kidney	Nephropathy	Minimal
* Stomach, Forestomach [Hyperplasia TGLS = 1-4]	Hyperplasia	Focal, Moderate
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: PAPILLARY-LIKE HYPERPLASIA AROUND ABSCESED CORE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 593

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Blood Vessel
* Clitoral Gland
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Uterus

Accessory Adrenal Cortical Nodule
Nephropathy
Hyperplasia

Minimal
Cystic, Moderate

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 594

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000524

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	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 595

TRT#: 8

SEX: Female

DAY ON TEST: 302

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Uterus	

MISSING

Harderian Gland

OBSERVATIONS

* Blood Vessel			
Note: POLYARTERITIS			
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain	Artery	Inflammation	Chronic Active, Mild
* Heart	Artery	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
Mesentery	Artery	Inflammation	Chronic Active, Moderate
* Salivary Glands	Artery	Inflammation	Chronic Active, Minimal
* Trachea	Artery	Inflammation	Chronic Active, Minimal
* Urinary Bladder	Artery	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND SAC DUE TO NEURO SIGNS CAUSED BY POLYARTERITIS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 597

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Gallbladder	Harderian Gland	* 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	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
		Ulcer	Moderate
	[Lymphoma Malignant Mixed TGLS = 3-8]		
* Kidney		Nephropathy	Minimal
	Note: HETEROTOPIC BONE NOTED		
* Liver		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLS = 5,6-1+2+9]		
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
	[Lymphoma Malignant Mixed TGLS = 4-4]		
* Ovary		Cyst	
	[Cyst TGLS = 2-6]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLS = 1-1+10]		
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 598

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000528

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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Clitoral GI			
Note: CLIT GLD WITHIN NORMAL LIMITS FOR AGED MOUSE			
Note: PIGMENTED DEBRIS IN DUCTS OF ATROPHIC GLAND=TGL-1			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 600

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000530

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 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	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland

OBSERVATIONS

* Intestine Large, Rectum	Anus	Sarcoma	
* Liver	Kupffer Cell	Pigmentation	Hemosiderin, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 601	TRT#: 8 DOSE: 5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9000531
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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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	Harderian Gland
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OBSERVATIONS

* Kidney Note: MODERATE LYMPH INFIL INTO BOTH KIDNEYS	Nephropathy	Minimal
* Liver	Mixed Cell Focus	
* Thyroid Gland	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 602

TRT#: 8

SEX: Female

DAY ON TEST: 604

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000532

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	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain			
Note: VENTRAL COMPRESSION, HYDROCEPHALUS NOTED DUE TO PIT TUMOR			
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Stomach, Forestomach		Hyperplasia	Focal, Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: ASS'D WITH MINUTE ULCER

Animal Note: MORIBUND COND DUE TO PIT TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 05:50:33

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 603

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Uterus		

OBSERVATIONS

* Stomach, Forestomach [Hyperplasia TGLS = 1-8]	Hyperplasia	Focal, Mild
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PRIMARY CAUSE OF DEATH

-

Animal Note: ULCER ASS'D WITH HYPERPLASTIC COLLAR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 604

TRT#: 8

SEX: Female

DAY ON TEST: 373

DOSE: 5 MG/KG

DISP: Dosing Accident

HISTO: 9000534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Harderian Gland * Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Esophagus	Periesoph Tiss	Inflammation	Suppurative, Minimal
Note: POSSIBLE PERFORATION			
* Ovary		Cyst	
* Stomach, Forestomach		Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 2-4+8]			
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND PROBABLY DUE TO ESOPH PERFORATION

Animal Note: MULTIPLE "FOCAL" AREAS OF HYPERPLASIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 605	TRT#: 8	SEX: Female	DAY ON TEST: 728
	DOSE: 5 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000535

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
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Liver	Hepatocellular Carcinoma	Multiple
Note: TGL-2 (MESENTERY AT GROSS) APPARENTLY BROKE AWAY FROM LIVER		
Note: TGL-2 IS INFARCTED AND ENCAPSULATED		
[Hepatocellular Carcinoma TGLS = 1,2-8+1+9]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
Note: MULTIPLE METASTATIC FOCI		
[Hepatocellular Carcinoma TGLS = 3-2]		
* Pituitary Gland	Pars Distalis	Hyperplasia
* Spleen	Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 606

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000536

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-1]			
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 608

TRT#: 8

SEX: Female

DAY ON TEST: 728

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000538

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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Intestine Small, Jejunum		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-8,3-4]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-8,3-4]			
* Ovary		Cystadenoma	
[Cystadenoma TGLS = 1-6]			
* Spleen		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MIXED INFLAM ON INTEST SEROSA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 609

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 5 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000539

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	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Adrenal Medulla	Harderian Gland	* Lymph Node, Mandibular	* Parathyroid Gland
* Pituitary Gland			

OBSERVATIONS

* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 1-8]		Lymphoma Malignant Mixed	
* Ovary Note: ONLY 1 FULL OVARY ON SLIDE			
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: ONLY 1 ADRENAL ON SLIDE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 610

TRT#: 8

SEX: Female

DAY ON TEST: 578

DOSE: 5 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000540

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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-2+8]		
* Ovary	Cyst	
[Cyst TGLS = 1-6]		
* Pituitary Gland	Angiectasis	Mild
[Angiectasis TGLS = 4-7]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
[Hyperplasia TGLS = 2-1]	Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: MORIBUND COND RELATED TO LARGE HEPATIC TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 612	TRT#: 10	SEX: Female	DAY ON TEST: 730
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 613

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus

* Blood Vessel
* Clitoral Gland
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

MISSING

Harderian Gland

OBSERVATIONS

* Uterus

Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 614

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000614

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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

Harderian Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-4]			
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 3-4]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ASS'D SUPPURATIVE INFLAM AROUND AFFECTED PEYER'S PATCH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 615

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000615

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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

Harderian Gland	* Pituitary Gland	* Thymus
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OBSERVATIONS

* Liver [Hepatocellular Adenoma TGLS = 2-8]	Hepatocellular Adenoma
* Ovary Note: ONLY 1 OVARY IN PLANE OF SECTION [Cystadenoma TGLS = 1-6]	Cystadenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 616

TRT#: 10

SEX: Female

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000616

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
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Bone			
Note: OSTEOPEROSIS OF SHAFT NOTED			
* Bone Marrow		Myelofibrosis	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Cyst	
[Cyst TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 4-4]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TWO FOCI SEEN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 617

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000617

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
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 1-4]			
* Thyroid Gland		Inflammation	Chronic Active, Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 618

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000618

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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland

OBSERVATIONS

* Mammary Gland		Hyperplasia	Minimal
* Ovary		Cyst	
Note: LARGE CYST - LEFT; SMALL CYST ON RIGHT OVARY [Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 619

TRT#: 10

SEX: Female

DAY ON TEST: 457

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000619

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	* Uterus		

MISSING

Harderian Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 620

TRT#: 10

SEX: Female

DAY ON TEST: 457

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000620

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	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 621

TRT#: 10

SEX: Female

DAY ON TEST: 677

DOSE: 25 MG/KG

DISP: Natural Death

HISTO: 9000621

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
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Lymphoma Malignant Lymphocytic	
* Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 2,4,5,6,7-8+9+10+2+3]		
	[Lymphoma Malignant Lymphocytic TGLS = 2,4,5,6,7-8+9+10+2+3]		
	[Lymphoma Malignant Lymphocytic TGLS = 2,4,5,6,7-8+9+10+2+3]		
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 2,4,5,6,7-8+9+10+2+3]		
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 2,4,5,6,7-8+9+10+2+3]		
Mesentery		Lymphoma Malignant Lymphocytic	
* Pancreas		Lymphoma Malignant Lymphocytic	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Lymphoma Malignant Lymphocytic	
	[Lymphoma Malignant Lymphocytic TGLS = 1-1]		
* Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 621	TRT#: 10 DOSE: 25 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 677 HISTO: 9000621
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ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-6]			

PRIMARY CAUSE OF DEATH -

Animal Note: DEATH DUE TO MALIG LYMPH
Animal Note: MALIG LYMPH IN MISC ORGANS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 622

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000622

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
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLS = 1-8]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: BLOOD IN SINUSES = TGL-2, BUT NOT DIAGNOSED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 623

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 624	TRT#: 10	SEX: Female	DAY ON TEST: 728
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000624

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 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	* Uterus	

MISSING

Harderian Gland	* Intestine Large, Rectum	* Pituitary Gland
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OBSERVATIONS

* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 625

TRT#: 10

SEX: Female

DAY ON TEST: 457

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 2-8]			
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MICROABSCCESS ASS'D WITH HYPERPLASIA

Animal Note: MULTIPLE "FOCAL" AREAS OF HYPERPLASIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 626

TRT#: 10

SEX: Female

DAY ON TEST: 636

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000626

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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex	Lymphoma Malignant Lymphocytic	
* Bone Marrow	Lymphoma Malignant Lymphocytic	
* Kidney	Lymphoma Malignant Lymphocytic	
* Liver	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-1+2]		
* Lung	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular	Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric	Lymphoma Malignant Lymphocytic	
* Spleen	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-8]		
* Uterus	Hyperplasia	Cystic, Minimal
Note: DILATED LYMPHATICS NOTED		

PRIMARY CAUSE OF DEATH

-

Animal Note: MALIG LYMPH IN BLOOD VESSELS AND SINUSOIDS

Animal Note: MORIBUND COND DUE TO MALIG LYMP

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 629

TRT#: 10

SEX: Female

DAY ON TEST: 670

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000629

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 Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

Harderian Gland * Thymus

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Brain			
Note: VENTRAL COMPRESSION NOTED			
* Heart	Artery	Inflammation	Chronic Active, Mild
* Intestine Large, Rectum		Inflammation	Chronic Active, Mild
* Kidney		Inflammation	Chronic Active, Mild
		Nephropathy	Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen			
Note: MARKED HEMOSIDEROSIS NOTED (RELATED TO HEMORR OF PIT)			
* Stomach, Forestomach		Hyperplasia	Focal, Minimal
* Urinary Bladder		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-4]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: MORIBUND COND DUE TO PIT TUMOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 630

TRT#: 10

SEX: Female

DAY ON TEST: 457

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Uterus	Hyperplasia	Cystic, Mild
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[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:33
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 631

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000631

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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
[Basophilic Focus TGLS = 2-1]		
* Ovary	Cyst	
[Cyst TGLS = 1-6]		
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 632

TRT#: 10

SEX: Female

DAY ON TEST: 457

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY ONE ADRENAL PRESENT FOR EXAM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 633

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Uterus		

OBSERVATIONS

* Liver Eosinophilic Focus

PRIMARY CAUSE OF DEATH -

Animal Note: ONLY 1 ADRENAL ON SLIDE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 634

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000634

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	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-1]			
* Mammary Gland			
Note: MAMMARY TISSUE FROM AROUND CLITORALS			
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 635	TRT#: 10	SEX: Female	DAY ON TEST: 726
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000635

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
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 636

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000636

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
* Kidney	* 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	* Uterus	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 637

TRT#: 10

SEX: Female

DAY ON TEST: 457

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000637

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	* Uterus		

MISSING

Harderian Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 638

TRT#: 10

SEX: Female

DAY ON TEST: 457

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000638

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	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Thymus	Inflammation	Chronic Active, Mild
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 640

TRT#: 10

SEX: Female

DAY ON TEST: 399

DOSE: 25 MG/KG

DISP: Natural Death

HISTO: 9000640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Uterus	

PRIMARY CAUSE OF DEATH

-

Animal Note: COD UNDETERMINED

Animal Note: GROSS OBSERV SUGGESTS DEATH DUE TO HEMORRHAGE, POSSIBLY

Animal Note: RELATED TO DOSING TECHNIQUE/HANDLING

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 641

TRT#: 10

SEX: Female

DAY ON TEST: 604

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000641

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
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Lung	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]		
* Skin	Cyst Epithelial Inclusion	
	Squamous Cell Carcinoma	
[Cyst Epithelial Inclusion TGLS = 2-10]		
[Squamous Cell Carcinoma TGLS = 1-8]		
* Stomach, Forestomach	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 5-4+9]		
* Uterus	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 4-6]		

PRIMARY CAUSE OF DEATH

-

Animal Note: MULTIPLE FOCI

Animal Note: MORIBUND COND DUE TO LUNG, SKIN TUMORS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 643

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000643

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, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 644

TRT#: 10

SEX: Female

DAY ON TEST: 691

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Kidney			
Note: TGL-3 (PALE) PRESUMED DUE TO ANEMIA OF MALIGNANCY			
* Liver		Hematopoietic Cell Proliferation	Mild
		Histiocytic Sarcoma	
		Necrosis	Mild
Note: ADHESION NOTED ON SLIDE 9			
[Histiocytic Sarcoma TGLS = 2-1+2,5-9]			
[Necrosis TGLS = 6-10]			
* Lung			
Note: TGL-4 (RED FOCI) ATTRIB TO CONGESTION IN A PALE LUNG			
Lymph Node	Mediastinal	Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
* Pancreas		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
		Histiocytic Sarcoma	
Note: HISTIO SARC CONTRIB TO TGL-1			
[Hematopoietic Cell Proliferation TGLS = 1-8]			
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 644

TRT#: 10

SEX: Female

DAY ON TEST: 691

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000644

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HISTIO SARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 645

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000645

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
* Kidney	* Liver	* 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		

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Stomach, Forestomach		Diverticulum	Mild
[Diverticulum TGLS = 1-4]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 646

TRT#: 10

SEX: Female

DAY ON TEST: 544

DOSE: 25 MG/KG

DISP: Natural Death

HISTO: 9000646

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	* 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
* Uterus			

MISSING

* Clitoral Gland	Harderian Gland
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PRIMARY CAUSE OF DEATH -

Animal Note: ONLY 1 ADRENAL TRIMMED

Animal Note: ALL TISSUES AUTOLYZED

Animal Note: CAUSE OF DEATH UNDETERMINED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 647

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000647

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
* Kidney	* 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
* Uterus			

MISSING

Harderian Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Liver		Basophilic Focus	
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 649

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000649

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	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland

OBSERVATIONS

* Liver	Mixed Cell Focus
* Ovary	Cyst
[Cyst TGLS = 1-6]	
* Thymus	Mast Cell Tumor Malignant

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 650

TRT#: 10

SEX: Female

DAY ON TEST: 680

DOSE: 25 MG/KG

DISP: Natural Death

HISTO: 9000650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mesenteric	* Thymus
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OBSERVATIONS

* Heart Note: BACTERIEMIA			
* Liver Note: POOR COLOR DIFFERENTIATION ON THIS AUTOLYZED SECTION Note: MULTIPLE "FOCI" PRESENT [Eosinophilic Focus TGLS = 1-1]		Eosinophilic Focus	
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: DEATH DUE TO SEPTICEMIA, CAUSE UNKNOWN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 652

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000652

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Pituitary Gland
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OBSERVATIONS

* Ovary	Cyst	
Note: BILATERAL CYSTS		
* Spleen	Hyperplasia	Lymphoid, Moderate
	Lymphoma Malignant Mixed	
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 654

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Clitoral Gland
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow
* Liver

Hemangiosarcoma
Mixed Cell Focus

[Mixed Cell Focus TGLS = 1-1]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 655

TRT#: 10

SEX: Female

DAY ON TEST: 551

DOSE: 25 MG/KG

DISP: Natural Death

HISTO: 9000655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain	Neuron	Necrosis	Minimal
* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Lymphoma Malignant Lymphocytic	
* Lung		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
* Mammary GI			
Note: MAMMARY TISS FROM AROUND CLITORAL			
Mesentery		Lymphoma Malignant Lymphocytic	
* Ovary		Lymphoma Malignant Lymphocytic	
* Salivary Glands		Lymphoma Malignant Lymphocytic	
* Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-8]			
* Stomach, Glandular		Lymphoma Malignant Lymphocytic	
* Thymus		Lymphoma Malignant Lymphocytic	
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-
Animal Note: POST-MORTEM EROSIONS CORRESPOND TO TGL-2
Animal Note: LYMPHOMA OF STOMACH WALL
Animal Note: DEATH DUE TO MALIG LYMPH
Animal Note: MALIG LYMPH IN ADDITIONAL MISC TISSUES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 656

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-8]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 657

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Kidney	Lymphoma Malignant Mixed	
* Liver	Lymphoma Malignant Mixed	
* Spleen	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-1]		
* Stomach, Forestomach	Hyperplasia	Focal, Minimal
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: LYMPHOID INFILTRATES IN VARIOUS OTHER TISSUES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 658

TRT#: 10

SEX: Female

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	Harderian Gland	* 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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLS = 1-4]		Hyperplasia	Lymphoid, Marked
* Kidney		Nephropathy	Minimal
* Ovary		Luteoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Forestomach		Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 659

TRT#: 10

SEX: Female

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000659

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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-8]		
* Ovary	Cyst	
[Cyst TGLS = 1-6]		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 661

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000661

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
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Liver [Eosinophilic Focus TGLS = 2-8]	Eosinophilic Focus	
* Uterus [Hyperplasia TGLS = 1-6]	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 662	TRT#: 10	SEX: Female	DAY ON TEST: 728
	DOSE: 25 MG/KG	DISP: Terminal Sacrifice	HISTO: 9000662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
Harderian Gland	* 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
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-4]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: 2 ADJACENT FOCI; ABSCESSED CORE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 663

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* 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		

MISSING

* Esophagus	Harderian Gland
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OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Stomach, Forestomach [Hyperplasia TGLS = 2-4]	Hyperplasia	Focal, Mild
* Uterus [Hyperplasia TGLS = 1-6]	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 664

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Pituitary Gland
* Stomach, Forestomach
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Nose
* Salivary Glands
* Stomach, Glandular

* Blood Vessel
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lung
* Ovary
* Skin
* Thyroid Gland

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Trachea

MISSING

* Clitoral Gland
* Thymus

Harderian Gland

* Lymph Node, Mesenteric

* Parathyroid Gland

OBSERVATIONS

* Uterus

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL-1 INTERP TO BE FOLD OF GLAND MUCOSA, NOT TRUE LESION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 665

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000665

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	* Kidney	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Minimal
* Intestine Small, Jejunum [Hyperplasia TGLS = 1-4]	Hyperplasia	Lymphoid, Marked
* Islets, Pancreatic	Hyperplasia	Mild
* Lung	Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach [Hyperplasia TGLS = 2-4]	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 666

TRT#: 10

SEX: Female

DAY ON TEST: 457

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000666

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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Minimal
* Thymus		
Note: CHOLESTEROL GRANULOMA NOTED IN THYMUS		
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 667

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000667

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, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-8] [Mixed Cell Focus TGLS = 3-9]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-10]			
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland			
Note: EQUIVOCAL HYPERPLASIA OF PARS INTERMEDIA			
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 4-4]			

PRIMARY CAUSE OF DEATH

-

Animal Note: FOCUS HAS CORE OF INFLAMMATORY CELLS
Animal Note: SIGNIFICANT INFILTRATE OF PMNS IN MES L NODE
Animal Note: TWO FOCI PRESENT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 668

TRT#: 10

SEX: Female

DAY ON TEST: 468

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000668

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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Ovary Cyst
[Cyst TGLS = 1-8+9]

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO SERUM LOST TO OVARIAN CYST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 669

TRT#: 10

SEX: Female

DAY ON TEST: 432

DOSE: 25 MG/KG

DISP: Natural Death

HISTO: 9000669

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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Harderian Gland

OBSERVATIONS

* Liver		
Note: SINUSOIDAL GRANULOCYTOSIS		
* Ovary	Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-9]		
* Spleen	Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-8]		
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: COD: OVARIAN ABSCESS, SEPTICEMIA

Animal Note: ALL TISSUES SIGNIFICANTLY AUTOLYZED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 670

TRT#: 10

SEX: Female

DAY ON TEST: 694

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000670

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	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Harderian Gland	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Gallbladder		Lymphoma Malignant Lymphocytic	
* Kidney		Lymphoma Malignant Lymphocytic	
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Lymphoma Malignant Lymphocytic	
[Hepatocellular Adenoma TGLS = 6,7-1]			
[Hepatocellular Carcinoma TGLS = 5-1]			
* Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Bronchial	Lymphoma Malignant Lymphocytic	
	Lumbar	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Pancreatic	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2,3,4,8,9,10,11-8+4+1+3+2+7]			
[Lymphoma Malignant Lymphocytic TGLS = 2,3,4,8,9,10,11-8+4+1+3+2+7]			
[Lymphoma Malignant Lymphocytic TGLS = 2,3,4,8,9,10,11-8+4+1+3+2+7]			
[Lymphoma Malignant Lymphocytic TGLS = 2,3,4,8,9,10,11-8+4+1+3+2+7]			
[Lymphoma Malignant Lymphocytic TGLS = 2,3,4,8,9,10,11-8+4+1+3+2+7]			
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 670

TRT#: 10

SEX: Female

DAY ON TEST: 694

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000670

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant Lymphocytic TGLS = 2,3,4,8,9,10,11-8+4+1+3+2+7]		
* Lymph Node, Mesenteric	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2,3,4,8,9,10,11-8+4+1+3+2+7]		
* Ovary	Lymphoma Malignant Lymphocytic	
* Pancreas	Lymphoma Malignant Lymphocytic	
* Spleen	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-1]		
* Thymus	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 11-7]		
* Uterus	Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO MALIG LYMPH

Animal Note: MALIG LYMPH IN MISC ORGANS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 671

TRT#: 10

SEX: Female

DAY ON TEST: 457

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000671

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
* Uterus			

MISSING

Harderian Gland

OBSERVATIONS

* Ovary

Note: PARAOVARIAN CYST MAY HAVE RUPTURED IN PROCESSING

* Stomach, Forestomach

Hyperplasia

Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 672

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000672

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

Harderian Gland

OBSERVATIONS

* Blood Vessel			
Note: DISSEMINATED CHRONIC ARTERITIS			
* Bone Marrow		Myelofibrosis	Minimal
* Heart	Artery	Inflammation	Chronic Active, Mild
* Kidney	Artery	Inflammation	Chronic Active, Mild
		Nephropathy	Minimal
* Ovary		Cyst	
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 2-7]			
* Stomach, Forestomach		Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 3-4]			
* Urinary Bladder	Artery	Inflammation	Chronic Active, Moderate
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

Animal Note: FOCUS HAS ABSCESSSED CORE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 673

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000673

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	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Clitoral Gland	Harderian Gland	* Pituitary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL ON SLIDE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 674

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000674

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
* 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	* Uterus

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Basophilic Focus TGLS = 4-1]			
[Eosinophilic Focus TGLS = 6-2]			
[Hepatocellular Adenoma TGLS = 2,3,5-8+10+11]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 675

TRT#: 10

SEX: Female

DAY ON TEST: 726

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Ovary Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 676

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000676

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	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Medulla	Harderian Gland
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OBSERVATIONS

* Liver		Eosinophilic Focus	
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	Pars Intermed	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 677

TRT#: 10

SEX: Female

DAY ON TEST: 457

DOSE: 25 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9000677

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
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Ovary	Cyst	
Note: ONLY 1 OVARY PRESENT FOR EXAM		
* Uterus	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 678

TRT#: 10

SEX: Female

DAY ON TEST: 350

DOSE: 25 MG/KG

DISP: Moribund Sacrifice

HISTO: 9000678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* 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
Spinal Cord	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland	* Intestine Large, Cecum	Peripheral Nerve
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OBSERVATIONS

* Brain	Neuron	Necrosis	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ATAXIA DUE TO NEURONAL NECROSIS

Animal Note: INNER EAR SECTION NORMAL

Animal Note: MORIBUND COND DUE TO ATAXIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 679

TRT#: 10

SEX: Female

DAY ON TEST: 730

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000679

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	* Trachea
* Urinary Bladder	* Uterus		

MISSING

Harderian Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Lung			
Note: HEAVY PERIBRONCH AND PERIVASC LYMPH INFILTRATES NOTED			
Note: TGL-2 MAY HAVE BEEN OBSERVATION OF A NODULAR LYMPH INFILT			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MODERATE LYMPHOID INFILTRATES IN MANY ORGANS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05121-07
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 05:50:34
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 680

TRT#: 10

SEX: Female

DAY ON TEST: 728

DOSE: 25 MG/KG

DISP: Terminal Sacrifice

HISTO: 9000680

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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Clitoral Gland [Ectasia TGLS = 1-7]	Duct	Ectasia	Mild
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Carcinoma TGLS = 2-8]		Hepatocellular Carcinoma	
* Ovary Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE