

Experiment Number: 05121-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 06:25:55

First Dose M/F: NA / NA

Lab: BAT

C Number:	C03098C
Lock Date:	05/13/1992
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	03/13/1995

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 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:25:56
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST	ANIMAL ID																											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Male	4	4	4	4	4	4	4	4	4	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
0 MG/KG 104/WEEK	5	5	5	5	5	5	5	5	5	5	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	6	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	4	4	4	5	5	6	7	8	2	2	2	2	2	2	2	2	3	3	3	3	3	3	4	4	
	0	5	8	0	7	9	3	8	4	1	0	1	2	3	4	5	6	7	8	9	1	2	3	4	6	7	9	

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																											
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	M	+	+	M	+	M	+	+	+	M	M	M	+	+	+	+	M	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Interstitial Cell, Adenoma																											

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mediastinal											+																

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
 X ..Lesion present
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 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:25:57
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 0 MG/KG 104/WEEK	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7		
		5	6	8	0	1	2	4	5	6	7	9	0	1	2	3	5	6	7	8	9	0	2	3	4	5	6	7	8	9
Lymph Node, Mediastinal																														
Lymph Node, Mesenteric		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma														X																
Thymus		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	
Integumentary System																														
Mammary Gland		M	M	M	M	M	M	M	M	M	+	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	
Skin		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Subcut Tiss, Sarcoma																														
Musculoskeletal System																														
Bone		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Nervous System																														
Brain		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Respiratory System																														
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolar/Bronchiolar Adenoma															X	X		X				X	X					X		
Alveolar/Bronchiolar Carcinoma																														
Nose		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Special Senses System																														

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CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male 0 MG/KG 104/WEEK	DAY ON TEST		ANIMAL ID																															
	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7	0	7
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Harderian Gland	M	M	+	+	M	M	+	+	+	+	M	M	M	M	M	M	+	M	+	+	+	+	M	+	M	M	+	+	+	+	M	+		
Adenoma																																		
Urinary System																																		
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																																		
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma Malignant Lymphocytic																																		

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DAY ON TEST

B6C3F1 Mouse Male
0 MG/KG 104/WEEK

ANIMAL ID

*TOTALS

Alimentary System

Esophagus	60
Gallbladder	60
Intestine Large, Cecum	60
Intestine Large, Colon	60
Intestine Large, Rectum	59
Intestine Small, Duodenum	60
Intestine Small, Ileum	59
Intestine Small, Jejunum	60
Liver	60
Hepatocellular Adenoma	3
Hepatocellular Carcinoma	2
Mesentery	1
Pancreas	60
Salivary Glands	60
Stomach, Forestomach	60
Stomach, Glandular	60
Tongue	1
Tooth	2

Cardiovascular System

Blood Vessel	60
Heart	60

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B6C3F1 Mouse Male
0 MG/KG 104/WEEK

ANIMAL ID

*TOTALS

Endocrine System

Adrenal Cortex	60
Adrenal Medulla	60
Pheochromocytoma Benign	1
Islets, Pancreatic	60
Parathyroid Gland	49
Pituitary Gland	58
Thyroid Gland	60

General Body System

NONE

Genital System

Epididymis	60
Preputial Gland	60
Prostate	60
Seminal Vesicle	60
Testes	60
Interstitial Cell, Adenoma	2

Hematopoietic System

Bone Marrow	60
Lymph Node, Mandibular	60
Lymph Node, Mediastinal	1
Lymph Node, Mesenteric	60

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DAY ON TEST

B6C3F1 Mouse Male
0 MG/KG 104/WEEK

ANIMAL ID	*TOTALS
Spleen	60
Hemangiosarcoma	1
Thymus	55
Integumentary System	
Mammary Gland	1
Skin	60
Subcut Tiss, Sarcoma	1
Musculoskeletal System	
Bone	60
Nervous System	
Brain	60
Respiratory System	
Lung	60
Alveolar/Bronchiolar Adenoma	8
Alveolar/Bronchiolar Carcinoma	2
Nose	60
Trachea	60
Special Senses System	
Harderian Gland	26
Adenoma	2
Urinary System	

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DAY ON TEST

B6C3F1 Mouse Male
0 MG/KG 104/WEEK

ANIMAL ID	*TOTALS
Kidney	60
Urinary Bladder	60
SYSTEMIC LESIONS	
Multiple Organ	60
Lymphoma Malignant Lymphocytic	1

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DAY ON TEST	ANIMAL ID																												
	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
B6C3F1 Mouse Male	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 MG/KG 20%/36M	2	6	6	9	0	5	0	3	5	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	3	3	3	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
	8	8	2	1	2	9	1	9	9	0	8	8	8	8	8	9	9	9	9	9	9	0	0	0	0	0	1	1	1
	2	8	4	4	5	3	6	8	1	2	1	4	6	7	9	0	2	4	6	7	9	0	1	3	4	7	0	1	8

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Carcinoma, Metastatic, Lung																													

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																													
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																													

General Body System

NONE																													
Genital System																													
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																													
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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Date Report Requested: 10/16/2014
 Time Report Requested: 06:25:58
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST	ANIMAL ID																												
	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
B6C3F1 Mouse Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 MG/KG 20%/36M	0	1	1	1	2	4	5	6	6	0	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	2	6	6	9	0	5	0	3	5	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	3	3	3	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3
	8	8	2	1	2	9	1	9	9	0	8	8	8	8	8	9	9	9	9	9	9	0	0	0	0	0	0	0	0
	2	8	4	4	5	3	6	8	1	2	1	4	6	7	9	0	2	4	6	7	9	0	1	3	4	7	0	1	1
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Testes	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																													
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangiosarcoma, Metastatic, Spleen																													
Lymph Node							+				+																		
Hepatocellular Carcinoma, Metastatic, Liver																													
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mediastinal	+					+			+																				+
Carcinoma, Metastatic, Lung																													X
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																													X
Hemangiosarcoma																													X
Thymus	M	+	M	+	M	M	M	+	+	+	+	+	+	+	+	M	+	+	M	M	M	M	+	+	+	+	+	+	M
Integumentary System																													
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
Skin	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Musculoskeletal System																													
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																													

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:25:58

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	ANIMAL ID																															
	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
B6C3F1 Mouse Male	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
0 MG/KG 20%/36M	0	1	1	1	2	4	5	6	6	0	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
	2	6	6	9	0	5	0	3	5	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	2	2	3	3	3	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3			
	8	8	2	1	2	9	1	9	9	0	8	8	8	8	8	9	9	9	9	9	9	0	0	0	0	0	1	1	1			
	2	8	4	4	5	3	6	8	1	2	1	4	6	7	9	0	2	4	6	7	9	0	1	3	4	7	0	1	8	9	1	
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Carcinoma, Metastatic, Lung																																
Peripheral Nerve									+																							
Spinal Cord									+																							
Respiratory System																																
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma				X							X						X													X		
Alveolar/Bronchiolar Adenoma, Multiple						X															X											
Alveolar/Bronchiolar Carcinoma										X		X											X				X		X			
Carcinoma, Metastatic, Harderian Gland		X																														
Hepatocellular Carcinoma, Metastatic, Liver		X			X																											
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																																
Ear									+																							
Eye									+																							
Harderian Gland	M	+	+	+	M	M	+	M	+	M	+	M	M	M	+	M	M	M	M	M	+	+	+	+	M	+	M	+	+	+	M	
Adenoma																																X
Carcinoma		X																														
Urinary System																																
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:25:58

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male 0 MG/KG 20%/36M	DAY ON TEST		ANIMAL ID																											
	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	1	1	2	4	5	6	6	0	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	2	6	6	9	0	5	0	3	5	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	3	3	3	2	3	2	2	3	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	
	8	8	2	1	2	9	1	9	9	0	8	8	8	8	8	9	9	9	9	9	0	0	0	0	0	1	1	1	2	
	2	8	4	4	5	3	6	8	1	2	1	4	6	7	9	0	2	4	6	7	9	0	1	3	4	7	0	8	1	

Carcinoma, Metastatic, Lung																													
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma			X	X				X																					
Lymphoma Malignant Lymphocytic									X								X								X				
Lymphoma Malignant Mixed	X										X	X																	
Lymphoma Malignant Undifferentiated Cell Type						X																							

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

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

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:25:58
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male
0 MG/KG 20%/36M

DAY ON TEST	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	6	7	7	7	8	8	8	9	9	9	9	9
	8	8	8	8	8	8	8	2	6	8	9	5	6	9	3	4	7	7	8
	6	6	6	6	6	6	6	0	2	4	9	9	6	8	6	1	2	4	7
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	2	3	3	3
	2	2	2	2	2	2	3	9	8	1	0	0	2	0	1	0	8	1	1
	2	3	6	7	8	9	0	5	5	5	8	6	0	9	3	5	3	7	2
	*TOTALS																		

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma				X																2
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangiosarcoma																				1
Hepatocellular Adenoma						X			X						X			X		7
Hepatocellular Carcinoma										X				X	X					7
Mesentery										+							+			5
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Squamous Cell Papilloma							X													1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma																				1
Tooth	+			+																3

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

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

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:25:58
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST	ANIMAL ID																		*TOTALS
	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
B6C3F1 Mouse Male	0	0	0	0	0	0	0	6	7	7	7	8	8	8	9	9	9	9	
0 MG/KG 20%/36M	8	8	8	8	8	8	8	2	6	8	9	5	6	9	3	4	7	7	
	6	6	6	6	6	6	6	0	2	4	9	9	6	8	6	1	2	4	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	2	3	3	
	2	2	2	2	2	2	3	9	8	1	0	0	2	0	1	0	8	1	
	2	3	6	7	8	9	0	5	5	5	8	6	0	9	3	5	3	7	

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma, Metastatic, Lung																		X	1

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma																			1
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Pituitary Gland	+	+	+	+	+	M	+	M	+	+	+	+	+	+	+	+	+	+	47
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Follicular Cel, Adenoma																			1

General Body System

NONE																			
Genital System																			
Epididymis	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Preputial Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Prostate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma	X																		1
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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

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

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:25:58
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male 0 MG/KG 20%/36M	DAY ON TEST																		*TOTALS
	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Seminal Vesicle	0	0	0	0	0	0	0	6	7	7	7	8	8	8	9	9	9	9	50
Testes	8	8	8	8	8	8	8	2	6	8	9	5	6	9	3	4	7	7	50
Hematopoietic System	6	6	6	6	6	6	6	0	2	4	9	9	6	8	6	1	2	4	
Bone Marrow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50
Hemangiosarcoma, Metastatic, Spleen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Lymph Node	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	2	3	4
Hepatocellular Carcinoma, Metastatic, Liver	2	2	2	2	2	2	3	9	8	1	0	0	2	0	1	0	8	1	1
Lymph Node, Mandibular	2	3	6	7	8	9	0	5	5	5	8	6	0	9	3	5	3	7	48
Lymph Node, Mediastinal																			7
Carcinoma, Metastatic, Lung																			1
Lymph Node, Mesenteric	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	49
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hemangioma																			1
Hemangiosarcoma													X						2
Thymus	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+	M	M	M	34
Integumentary System																			
Mammary Gland	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	0
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Musculoskeletal System																			
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Nervous System																			

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:25:59

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male 0 MG/KG 20%/36M	DAY ON TEST																		*TOTALS
	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Brain	0	0	0	0	0	0	0	6	7	7	7	8	8	8	9	9	9	9	50
Carcinoma, Metastatic, Lung	8	8	8	8	8	8	8	2	6	8	9	5	6	9	3	4	7	7	1
Peripheral Nerve	6	6	6	6	6	6	6	0	2	4	9	9	6	8	6	1	2	4	1
Spinal Cord	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Respiratory System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lung	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	2	3	50
Alveolar/Bronchiolar Adenoma	2	2	2	2	2	2	3	9	8	1	0	0	2	0	1	0	8	1	7
Alveolar/Bronchiolar Adenoma, Multiple	2	3	6	7	8	9	0	5	5	5	8	6	9	3	5	3	7	2	3
Alveolar/Bronchiolar Carcinoma																			7
Carcinoma, Metastatic, Harderian Gland																			1
Hepatocellular Carcinoma, Metastatic, Liver																			2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Special Senses System																			
Ear														+					2
Eye																			1
Harderian Gland	M	+	+	M	+	M	+	M	M	+	+	+	M	+	+	M	M	M	24
Adenoma																			2
Carcinoma																			1
Urinary System																			
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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

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

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:25:59
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male
0 MG/KG 20%/36M

	DAY ON TEST																			
	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	6	7	7	7	8	8	8	9	9	9	9		
	8	8	8	8	8	8	8	2	6	8	9	5	6	9	3	4	7	7		
	6	6	6	6	6	6	6	0	2	4	9	9	6	8	6	1	2	4		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	2	3	3		
	2	2	2	2	2	2	3	9	8	1	0	0	2	0	1	0	8	1		
	2	3	6	7	8	9	0	5	5	5	8	6	0	9	3	5	3	7		
	*TOTALS																			
Carcinoma, Metastatic, Lung																			X	1
Urinary Bladder																				50
SYSTEMIC LESIONS																				
Multiple Organ																				50
Histiocytic Sarcoma																				3
Lymphoma Malignant Lymphocytic																				5
Lymphoma Malignant Mixed																				5
Lymphoma Malignant Undifferentiated Cell Type																				1

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

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

Experiment Number: 05121-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 06:26:00
First Dose M/F: NA / NA
Lab: BAT

DAY ON TEST

B6C3F1 Mouse Male
25 MG/KG104/WEEK

ANIMAL ID

*TOTALS

Alimentary System

Esophagus	60
Gallbladder	58
Intestine Large, Cecum	59
Intestine Large, Colon	60
Intestine Large, Rectum	59
Intestine Small, Duodenum	59
Intestine Small, Ileum	60
Intestine Small, Jejunum	60
Liver	60
Hepatocellular Carcinoma, Multiple	1
Pancreas	60
Salivary Glands	60
Stomach, Forestomach	60
Squamous Cell Papilloma	2
Stomach, Glandular	60

Cardiovascular System

Blood Vessel	60
Heart	60

Endocrine System

Adrenal Cortex	60
Adrenal Medulla	59

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

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

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:00
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST

B6C3F1 Mouse Male
25 MG/KG104/WEEK

ANIMAL ID

***TOTALS**

Islets, Pancreatic	59
Parathyroid Gland	54
Pituitary Gland	38
Thyroid Gland	60
Follicular Cel, Adenoma	2
General Body System	
NONE	
Genital System	
Epididymis	60
Preputial Gland	59
Prostate	60
Seminal Vesicle	60
Testes	60
Hematopoietic System	
Bone Marrow	60
Lymph Node, Bronchial	3
Lymph Node, Mandibular	59
Lymph Node, Mesenteric	59
Spleen	60
Thymus	55
Integumentary System	
Mammary Gland	0

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

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

Experiment Number: 05121-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 06:26:00

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

**B6C3F1 Mouse Male
25 MG/KG104/WEEK**

ANIMAL ID	*TOTALS
Skin	60
Musculoskeletal System	
Bone	60
Nervous System	
Brain	60
Respiratory System	
Lung	60
Alveolar/Bronchiolar Adenoma	7
Hepatocellular Carcinoma, Metastatic, Liver	1
Nose	60
Trachea	60
Special Senses System	
Harderian Gland	26
Urinary System	
Kidney	60
Urinary Bladder	59
SYSTEMIC LESIONS	
Multiple Organ	60
Lymphoma Malignant Lymphocytic	1

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:01
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Male
25 MG/KG20%/36M

DAY ON TEST	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	2	7	8	8	8	8	9	9	9	9	9	9
	8	8	8	8	8	8	8	1	8	1	8	9	9	2	3	3	5	5	6
	6	6	6	6	6	6	6	4	4	9	0	2	8	4	1	3	3	7	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	3	4	4	4
	3	3	3	3	3	3	4	9	9	0	3	3	2	2	0	0	9	2	2
	3	4	5	6	7	9	0	4	8	8	1	8	0	1	7	5	7	6	2
	*TOTALS																		

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	49
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma																				1
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	49
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Carcinoma																				1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Carcinoma, Metastatic, Stomach, Glandular									X											1
Hepatocellular Adenoma				X																7
Hepatocellular Adenoma, Multiple																				1
Hepatocellular Carcinoma									X						X	X				4
Hepatocellular Carcinoma, Multiple											X									1
Mesentery																				1
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Squamous Cell Papilloma																				1

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:02

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male 25 MG/KG20%/36M	DAY ON TEST																		*TOTALS
	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Stomach, Glandular Carcinoma	8	8	8	8	8	8	8	1	8	1	8	9	9	2	3	3	5	5	6
Tongue	6	6	6	6	6	6	6	4	4	9	0	2	8	4	1	3	3	7	4
Tooth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	3	4	4	4
	3	3	3	3	3	3	4	9	9	0	3	3	2	2	0	0	9	2	2
	3	4	5	6	7	9	4	4	8	8	1	8	0	1	7	5	6	6	2
																			50
																			1
																			1
																			7
Cardiovascular System																			
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																			
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Capsule, Adenoma																			1
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																			1
Parathyroid Gland	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pars Distalis, Adenoma																			3
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
																			50
General Body System																			
Tissue NOS																			1
Sarcoma																			1
Genital System																			

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:02

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Male 25 MG/KG20%/36M	DAY ON TEST																		*TOTALS
	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Skeletal Muscle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Nervous System																			
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Peripheral Nerve																			1
Spinal Cord																			1
Respiratory System																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Alveolar/Bronchiolar Adenoma	X			X															9
Alveolar/Bronchiolar Adenoma, Multiple																			2
Alveolar/Bronchiolar Carcinoma							X			X			X				X		7
Alveolar/Bronchiolar Carcinoma, Multiple				X															1
Hepatocellular Carcinoma, Metastatic, Liver																X			1
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Special Senses System																			
Eye																			3
Harderian Gland	+	+	M	+	+	+	M	M	M	M	M	M	M	M	+	M	M	+	23
Adenoma																			4
Urinary System																			
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Renal Tubule, Adenoma													X						1

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:02

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	ANIMAL ID																		*TOTALS
	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	
B6C3F1 Mouse Male	0	0	0	0	0	0	0	2	7	8	8	8	8	9	9	9	9	9	
25 MG/KG20%/36M	8	8	8	8	8	8	8	1	8	1	8	9	9	2	3	3	5	5	
	6	6	6	6	6	6	6	4	4	9	0	2	8	4	1	3	3	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	4	4	3	3	4	4	4	4	4	4	3	4	4	
	3	3	3	3	3	3	4	9	9	0	3	3	2	2	0	0	9	2	
	3	4	5	6	7	9	0	4	8	8	1	8	0	1	7	5	7	6	
Renal Tubule, Adenoma												X							
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
SYSTEMIC LESIONS																			
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histiocytic Sarcoma												X							
Lymphoma Malignant Lymphocytic																	X		
Lymphoma Malignant Mixed	X	X		X						X	X			X					

END OF MALE DATA

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:02

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Female 0 MG/KG 104/WEEK	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	1	1	1	1	2	2	4	5	5	5	3	2	4	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
	9	4	7	9	5	6	7	0	1	8	1	1	8	1	2	3	4	5	6	7	8	0	1	2	3	5	6	8	0

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma																														X
Mesentery												+																		
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:03
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Female 0 MG/KG 104/WEEK	DAY ON TEST																														
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	4	4	4	4	4	4	4	4	4	4	4	5	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
	5	5	5	5	5	5	5	5	5	5	5	9	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
	6	6	6	6	6	6	6	6	6	6	6	2	2	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	0	1	1	1	2	2	4	5	5	5	3	2	4	0	0	0	0	0	0	0	1	1	1	1	1	1	1	2			
	9	4	7	9	5	6	7	0	1	8	1	1	8	1	2	3	4	5	6	7	8	0	1	1	2	3	5	6			
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Pheochromocytoma Benign																															
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Parathyroid Gland	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+			
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Pars Intermed, Adenoma																															
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Follicular Cel, Adenoma																													X		
General Body System																															
NONE																															
Genital System																															
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic System																															
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mediastinal												+																			
Lymph Node, Mesenteric	M	+	+	+	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	M	+	M	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:03

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Female 0 MG/KG 104/WEEK	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	4	7	8	9	0	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	9	2	3	4	5	6	7	9	0

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	M	+	M	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma								X																					
Mesentery									+																				
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
----------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:03

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Female 0 MG/KG 104/WEEK	DAY ON TEST																											
	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	0 7 2 3	
ANIMAL ID	0 0 0 2 4	0 0 0 2 7	0 0 0 2 8	0 0 0 2 9	0 0 0 3 0	0 0 0 3 2	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3	0 0 0 3 3
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign		X																										
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	M	+	+	+	+	+	M	+	+	M	+
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	M	+	M	+	+
Pars Intermed, Adenoma																												
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular Cel, Adenoma																												
General Body System																												
NONE																												
Genital System																												
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic System																												
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mediastinal																												
Lymph Node, Mesenteric	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	+	+	M	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

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

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:03
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST	ANIMAL ID																											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
0 MG/KG 104/WEEK	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	6
	4	7	8	9	0	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	9	2	3	4	5	6	7	9

Alveolar/Bronchiolar Carcinoma, Metastatic, Lung

Integumentary System

Mammary Gland Carcinoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Musculoskeletal System

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skeletal Muscle																												

Nervous System

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																												
Alveolar/Bronchiolar Carcinoma																												
Alveolar/Bronchiolar Carcinoma, Multiple																												
Mediastinum, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung																												

Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Special Senses System

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:04

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
0 MG/KG 104/WEEK	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6
	4	7	8	9	0	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	9	2	3	4	5	6	7	9	0
Harderian Gland	+	M	+	+	+	+	+	+	+	+	M	M	M	M	M	+	M	+	M	+	+	M	+	M	M	M	+	+	+
Adenoma			X	X																									
Urinary System																													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																													
Lymphoma Malignant Mixed										X																			

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

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

Experiment Number: 05121-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 06:26:04

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

B6C3F1 Mouse Female
0 MG/KG 104/WEEK

ANIMAL ID

*TOTALS

Alimentary System

Esophagus	59
Gallbladder	60
Intestine Large, Cecum	60
Intestine Large, Colon	60
Intestine Large, Rectum	60
Intestine Small, Duodenum	60
Intestine Small, Ileum	57
Intestine Small, Jejunum	60
Liver	60
Hepatocellular Adenoma	3
Mesentery	2
Pancreas	60
Salivary Glands	60
Stomach, Forestomach	60
Stomach, Glandular	60

Cardiovascular System

Blood Vessel	60
Heart	60

Endocrine System

Adrenal Cortex	59
Adrenal Medulla	59

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

+ ..Tissue examined microscopically

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Experiment Number: 05121-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 06:26:04

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

B6C3F1 Mouse Female
0 MG/KG 104/WEEK

ANIMAL ID	*TOTALS
Pheochromocytoma Benign	1
Islets, Pancreatic	60
Parathyroid Gland	52
Pituitary Gland	56
Pars Intermed, Adenoma	1
Thyroid Gland	60
Follicular Cel, Adenoma	1
General Body System	
NONE	
Genital System	
Clitoral Gland	59
Ovary	60
Uterus	60
Hematopoietic System	
Bone Marrow	60
Lymph Node, Mandibular	60
Lymph Node, Mediastinal	2
Lymph Node, Mesenteric	51
Spleen	60
Thymus	55
Alveolar/Bronchiolar Carcinoma, Metastatic, Lung	1

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+ ..Tissue examined microscopically
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BLANK ..Not examined microscopically

Experiment Number: 05121-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 06:26:04

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

B6C3F1 Mouse Female
0 MG/KG 104/WEEK

ANIMAL ID

*TOTALS

Integumentary System

Mammary Gland	60
Carcinoma	1
Skin	60

Musculoskeletal System

Bone	60
Skeletal Muscle	2

Nervous System

Brain	60
-------	----

Respiratory System

Lung	60
Alveolar/Bronchiolar Adenoma	3
Alveolar/Bronchiolar Carcinoma	1
Alveolar/Bronchiolar Carcinoma, Multiple	2
Mediastinum, Alveolar/Bronchiolar Carcinoma, Metastatic, Lung	1
Nose	60
Trachea	60

Special Senses System

Harderian Gland	24
Adenoma	3

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 05121-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 06:26:04
First Dose M/F: NA / NA
Lab: BAT

DAY ON TEST

B6C3F1 Mouse Female
0 MG/KG 104/WEEK

ANIMAL ID

*TOTALS

Urinary System

Kidney	60
Urinary Bladder	60

SYSTEMIC LESIONS

Multiple Organ	60
Histiocytic Sarcoma	2
Lymphoma Malignant Mixed	2

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
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Experiment Number: 05121-08
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 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:04
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST	ANIMAL ID																																			
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0							
B6C3F1 Mouse Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	6	6	7							
0 MG/KG 20%/36M	0	2	5	5	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	3	5	5	5	1	7	3							
	7	0	0	0	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5	5	5	1	3	7							
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	1						
	8	8	6	0	7	6	6	6	6	6	6	6	7	7	7	8	8	8	8	9	9	9	0	0	0	0	7	9	0	9	0					
	2	9	3	5	0	1	2	5	6	8	9	2	6	9	1	4	6	7	3	4	6	0	6	7	8	3	1	2	1	0	4					
Tooth																																				
Cardiovascular System																																				
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Endocrine System																																				
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			
Pheochromocytoma Benign																																				
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Adenoma																																				
Carcinoma		X													X																					
Parathyroid Gland	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Pituitary Gland	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	M	
Pars Distalis, Adenoma										X							X					X														
Pars Intermed, Adenoma		X	X			X																														
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Follicular Cel, Adenoma																																				
General Body System																																				
NONE																																				
Genital System																																				
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:04
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST B6C3F1 Mouse Female 0 MG/KG 20%/36M	ANIMAL ID																													
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clitoral Gland	7	0	5	5	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	3	5	5	1	3	7
Ovary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cystadenoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Granulosa Cell Tumor Benign	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Uterus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Polyp Stromal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hematopoietic System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bone Marrow	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hemangiosarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hemangiosarcoma, Multiple	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lymph Node	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Axillary, Sarcoma, Metastatic, Skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatocellular Carcinoma, Metastatic, Liver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pancreatic, Sarcoma, Metastatic, Skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lymph Node, Mandibular	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mast Cell Tumor Nos	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lymph Node, Mediastinal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sarcoma, Metastatic, Skin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lymph Node, Mesenteric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spleen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hemangiosarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Thymus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

* ..Total animals with tissue examined microscopically; Total animals with tumor
 + ..Tissue examined microscopically
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Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:05
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST	ANIMAL ID																												
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0
B6C3F1 Mouse Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	6	6	7
0 MG/KG 20%/36M	0	2	5	5	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	3	5	5	5	1	7	3
	7	0	0	0	5	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	5	5	5	1	3	7
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1
	8	8	6	0	7	6	6	6	6	6	6	7	7	7	8	8	8	9	9	9	9	0	0	0	0	0	7	9	0
	2	9	3	5	0	1	2	5	6	8	9	2	6	9	1	4	6	7	3	4	6	0	6	7	8	3	1	2	1

Integumentary System

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Subcut Tiss, Fibrosarcoma																													
Subcut Tiss, Sarcoma				X																				X					X

Musculoskeletal System

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Nervous System

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Astrocytoma Malignant																													
Peripheral Nerve																													
Spinal Cord																													

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma						X																					X		
Alveolar/Bronchiolar Carcinoma	X																												
Hepatocellular Carcinoma, Metastatic, Liver																													
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Special Senses System

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 + ..Tissue examined microscopically
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Experiment Number: 05121-08

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Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:05

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Female 0 MG/KG 20%/36M	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	
	7	9	4	5	5	6	6	7	9	0	0	1	2	2	2	3	4	6	7
	1	6	6	6	9	0	6	5	8	1	1	1	7	8	8	6	7	4	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0
	9	9	7	6	8	8	9	1	7	9	0	7	7	7	9	0	6	8	8
	7	5	7	4	5	0	1	0	5	8	2	3	4	8	9	9	7	8	3

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatocellular Adenoma	X										X								X	11
Hepatocellular Adenoma, Multiple																				1
Hepatocellular Carcinoma											X			X						3
Hepatocellular Carcinoma, Multiple												X								1
Mesentery		+																		6
Hemangiosarcoma		X																		1
Sarcoma, Metastatic, Skin																				2
Pancreas	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Squamous Cell Papilloma																				1
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

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DAY ON TEST	0																		
	B6C3F1 Mouse Female 0 MG/KG 20%/36M	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9
7		9	4	5	5	6	6	7	9	0	0	1	2	2	2	3	4	6	7
1		6	6	6	9	0	6	5	8	1	1	1	1	7	8	8	6	7	4
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0
	9	9	7	6	8	8	9	1	7	9	0	7	7	7	9	0	6	8	8
	7	5	7	4	5	0	1	0	5	8	2	3	4	8	9	9	7	8	3
	*TOTALS																		

Tooth																			2	
Cardiovascular System																				
Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Endocrine System																				
Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Pheochromocytoma Benign																			X	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Adenoma																			X	
Carcinoma																			2	
Parathyroid Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	45
Pituitary Gland	M	+	M	+	+	+	+	+	+	+	+	+	+	+	M	+	+	M	+	42
Pars Distalis, Adenoma																			3	
Pars Intermed, Adenoma																			X	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Follicular Cel, Adenoma																			1	
General Body System																				
NONE																				
Genital System																				
Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

* ..Total animals with tissue examined microscopically; Total animals with tumor
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CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	0																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
B6C3F1 Mouse Female	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	50	
	7	9	4	5	5	6	6	7	9	0	0	1	2	2	2	3	4	6		7
0 MG/KG 20%/36M	1	6	6	6	9	0	6	5	8	1	1	1	1	7	8	8	6	7	4	49
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Clitoral Gland	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	49
	9	9	7	6	8	8	9	1	7	9	0	7	7	8	9	0	6	8	8	
Ovary	7	5	7	4	5	0	1	0	5	8	2	3	4	8	9	9	7	8	3	1
	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cystadenoma																				1
Granulosa Cell Tumor Benign																				1
Uterus																				49
Polyp Stromal																				1
Hematopoietic System																				
Bone Marrow																				50
Hemangiosarcoma										X										2
Hemangiosarcoma, Multiple			X																	1
Lymph Node																				13
Axillary, Sarcoma, Metastatic, Skin																				1
Hepatocellular Carcinoma, Metastatic, Liver													X							1
Pancreatic, Sarcoma, Metastatic, Skin																				1
Lymph Node, Mandibular																				45
Mast Cell Tumor Nos																				1
Lymph Node, Mediastinal																				12
Sarcoma, Metastatic, Skin																				1
Lymph Node, Mesenteric																				43
Spleen																				50
Hemangiosarcoma																				1
Thymus																				37

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

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:05

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9
0 MG/KG 20%/36M	7	9	4	5	5	6	6	7	9	0	0	1	2	2	2	3	4	6	7
	1	6	6	6	9	0	6	5	8	1	1	1	1	7	8	8	6	7	4
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0
	9	9	7	6	8	8	9	1	7	9	0	7	7	7	9	0	6	8	8
	7	5	7	4	5	0	1	0	5	8	2	3	4	8	9	9	7	8	3
	*TOTALS																		

Integumentary System

Mammary Gland	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Subcut Tiss, Fibrosarcoma																			X	1
Subcut Tiss, Sarcoma										X										4

Musculoskeletal System

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

Nervous System

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Astrocytoma Malignant									X											1
Peripheral Nerve			+																	1
Spinal Cord			+																	1

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Alveolar/Bronchiolar Adenoma																				2
Alveolar/Bronchiolar Carcinoma						X	X													3
Hepatocellular Carcinoma, Metastatic, Liver											X		X							2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

Special Senses System

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:06

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Female 0 MG/KG 20%/36M	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS	
	ANIMAL ID	7	7	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9		
		7	9	4	5	5	6	6	7	9	0	0	1	2	2	2	3	4	6	7	
		1	6	6	6	9	0	6	5	8	1	1	1	1	7	8	8	6	7	4	
Ear		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Eye		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Harderian Gland		0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	22
Urinary System		9	9	7	6	8	8	9	1	7	9	0	7	7	7	9	0	6	8	8	
		7	5	7	4	5	0	1	0	5	8	2	3	4	8	9	7	8	8	3	
Kidney		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Urinary Bladder		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
SYSTEMIC LESIONS																					
Multiple Organ		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Histiocytic Sarcoma				X									X								5
Lymphoma Malignant Lymphocytic																					5
Lymphoma Malignant Mixed		X				X		X							X	X					9

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:06
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST	ANIMAL ID																											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	3	4	4	4	4	4	4	4	4	4	4	4	5	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7
25 MG/KG104/WEEK	7	0	5	5	5	5	5	5	5	5	5	5	3	9	4	6	2	2	2	2	2	2	2	2	2	2	2	2
	8	0	6	6	6	6	6	6	6	6	6	6	8	7	4	6	3	3	3	3	3	3	3	3	3	3	3	3

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular Adenoma																												
Osteosarcoma, Metastatic, Bone													X															
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pericardium, Osteosarcoma, Metastatic, Bone													X															

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

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:06
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST	ANIMAL ID																											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	3	4	4	4	4	4	4	4	4	4	4	4	5	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7
25 MG/KG104/WEEK	7	0	5	5	5	5	5	5	5	5	5	3	9	4	6	2	2	2	2	2	2	2	2	2	2	2	2	2
	8	0	6	6	6	6	6	6	6	6	6	8	7	4	6	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	2	1	2	2	2	3	3	3	4	4	6	3	5	1	4	1	1	1	1	1	1	2	2	2	2	3	3
	3	8	6	4	6	7	3	5	7	1	9	9	4	4	7	0	1	2	3	4	5	8	9	0	1	2	3	3

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pheochromocytoma Benign																												
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Parathyroid Gland	+	+	+	+	+	M	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	M	+	+	M	+	M	+
Pars Distalis, Adenoma																												
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

General Body System

Tissue NOS

Genital System

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyp Stromal																												

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Bronchial																												
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+
Lymph Node, Mediastinal																+												

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:06

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	3	4	4	4	4	4	4	4	4	4	4	4	5	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
25 MG/KG104/WEEK	7	0	5	5	5	5	5	5	5	5	5	5	3	9	4	6	2	2	2	2	2	2	2	2	2	2	2	2	2
	8	0	6	6	6	6	6	6	6	6	6	6	8	7	4	6	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5	2	1	2	2	2	3	3	3	4	4	6	3	5	1	4	1	1	1	1	1	1	2	2	2	2	2	3	3
	3	8	6	4	6	7	3	5	7	1	9	9	4	4	7	0	1	2	3	4	5	8	9	0	1	2	3	4	5
Lymph Node, Mediastinal																													
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteosarcoma, Metastatic, Bone													X																
Integumentary System																													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Adenoma																													
Musculoskeletal System																													
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Vertebra, Osteosarcoma													X																
Nervous System																													
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve		+																											
Spinal Cord		+																											
Respiratory System																													
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																													
Osteosarcoma, Metastatic, Bone													X																
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:06

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	3	4	4	4	4	4	4	4	4	4	4	4	5	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7
25 MG/KG104/WEEK	7	0	5	5	5	5	5	5	5	5	5	3	9	4	6	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	8	0	6	6	6	6	6	6	6	6	6	6	8	7	4	6	3	3	3	3	3	3	3	3	3	3	3	3	3
Trachea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Special Senses System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ear	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Harderian Gland	5	2	1	2	2	2	3	3	3	4	4	6	3	5	1	4	1	1	1	1	1	1	2	2	2	2	2	2	2
Urinary System	3	8	6	4	6	7	3	5	7	1	9	9	4	4	7	0	1	2	3	4	5	8	9	0	1	2	3	3	3
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma													X	X												X			
Lymphoma Malignant Mixed																										X			

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:07

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Female 25 MG/KG104/WEEK	DAY ON TEST																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6
	2	6	8	9	2	3	4	5	6	7	8	0	1	2	5	6	7	8	9	0	1	2	3	4	5	6	7	8	0

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hepatocellular Adenoma				X																										
Osteosarcoma, Metastatic, Bone																														
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Pericardium, Osteosarcoma, Metastatic, Bone																														

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:07

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	ANIMAL ID																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
25 MG/KG104/WEEK	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	7
	2	6	8	9	2	3	4	5	6	7	8	0	1	2	5	6	7	8	9	0	1	2	3	4	5	6	7	8	0	0

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pheochromocytoma Benign			X																												
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Parathyroid Gland	M	+	+	+	+	+	M	+	+	+	M	+	+	M	M	M	+	+	+	+	+	+	+	+	+	+	+	M	M	+	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Pars Distalis, Adenoma																															
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+

General Body System

Tissue NOS																															+
------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

Genital System

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Polyp Stromal																													X	X

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Bronchial																															+
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mediastinal																															+

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

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:07

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	0																												
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
ANIMAL ID	0																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female 25 MG/KG104/WEEK	3																												
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6
	2	6	8	9	2	3	4	5	6	7	8	0	1	2	5	6	7	8	9	0	1	2	3	4	5	6	7	8	0
Lymph Node, Mediastinal																													
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Osteosarcoma, Metastatic, Bone																													
Integumentary System																													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Adenoma																													
Musculoskeletal System																													
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Vertebra, Osteosarcoma																													
Nervous System																													
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Peripheral Nerve																													
Spinal Cord																													
Respiratory System																													
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/Bronchiolar Adenoma																													
Osteosarcoma, Metastatic, Bone																													
Nose	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:07

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B6C3F1 Mouse Female	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
25 MG/KG104/WEEK	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3	3	3	3	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	7
	2	6	8	9	2	3	4	5	6	7	8	0	1	2	5	6	7	8	9	0	1	2	3	4	5	6	7	8	0
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																													
Ear																													
Harderian Gland	M	M	+	+	+	M	+	M	M	M	+	M	+	+	M	M	M	M	+	+	+	M	M	+	M	+	M	+	
Urinary System																													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
SYSTEMIC LESIONS																													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Histiocytic Sarcoma																													
Lymphoma Malignant Mixed							X							X															

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

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

Experiment Number: 05121-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 06:26:07
First Dose M/F: NA / NA
Lab: BAT

DAY ON TEST

B6C3F1 Mouse Female
25 MG/KG104/WEEK

ANIMAL ID

*TOTALS

Alimentary System

Esophagus	60
Gallbladder	60
Intestine Large, Cecum	60
Intestine Large, Colon	60
Intestine Large, Rectum	60
Intestine Small, Duodenum	60
Intestine Small, Ileum	60
Intestine Small, Jejunum	60
Liver	60
Hepatocellular Adenoma	3
Osteosarcoma, Metastatic, Bone	1
Pancreas	60
Salivary Glands	60
Stomach, Forestomach	60
Stomach, Glandular	60

Cardiovascular System

Blood Vessel	60
Heart	60
Pericardium, Osteosarcoma, Metastatic, Bone	1

Endocrine System

Adrenal Cortex	60
----------------	----

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

M ..Missing tissue
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BLANK ..Not examined microscopically

Experiment Number: 05121-08

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Test Compound: Scopolamine hydrobromide trihydrate

CAS Number: 6533-68-2

Date Report Requested: 10/16/2014

Time Report Requested: 06:26:07

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

B6C3F1 Mouse Female

25 MG/KG104/WEEK

ANIMAL ID

***TOTALS**

Adrenal Medulla	60
Pheochromocytoma Benign	1
Islets, Pancreatic	60
Parathyroid Gland	49
Pituitary Gland	56
Pars Distalis, Adenoma	1
Thyroid Gland	59
General Body System	
Tissue NOS	1
Genital System	
Clitoral Gland	59
Ovary	60
Uterus	60
Polyp Stromal	2
Hematopoietic System	
Bone Marrow	60
Lymph Node, Bronchial	1
Lymph Node, Mandibular	58
Lymph Node, Mediastinal	4
Lymph Node, Mesenteric	60
Spleen	60
Thymus	59

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:07
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST

B6C3F1 Mouse Female
25 MG/KG104/WEEK

ANIMAL ID

*TOTALS

Osteosarcoma, Metastatic, Bone	1
Integumentary System	
Mammary Gland	60
Skin	60
Basal Cell Adenoma	1
Musculoskeletal System	
Bone	60
Vertebra, Osteosarcoma	1
Nervous System	
Brain	60
Peripheral Nerve	3
Spinal Cord	1
Respiratory System	
Lung	60
Alveolar/Bronchiolar Adenoma	2
Osteosarcoma, Metastatic, Bone	1
Nose	59
Trachea	59
Special Senses System	
Ear	1
Harderian Gland	26

* ..Total animals with tissue examined microscopically; Total animals with tumor
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Experiment Number: 05121-08
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
Test Compound: Scopolamine hydrobromide trihydrate
CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
Time Report Requested: 06:26:07
First Dose M/F: NA / NA
Lab: BAT

DAY ON TEST

B6C3F1 Mouse Female
25 MG/KG104/WEEK

ANIMAL ID

*TOTALS

Urinary System

Kidney	60
Urinary Bladder	60

SYSTEMIC LESIONS

Multiple Organ	60
Histiocytic Sarcoma	3
Lymphoma Malignant Mixed	3

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:08

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Female 25 MG/KG20%/36M	DAY ON TEST	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	6	7	
	ANIMAL ID	0	1	4	4	5	5	6	6	9	7	7	7	7	7	7	7	7	7	7	7	7	7	7	3	1	9	9	3
Ovary	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																							X						
Adenoma, Tubular																									X				
Cystadenoma						X																							
Sarcoma, Metastatic, Skin																													
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Polyp Stromal												X									X								
Hematopoietic System																													
Blood				+																									
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma								X																					
Lymph Node		+	+							+																+		+	
Lymph Node, Bronchial																										+			
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Lymph Node, Mediastinal		+	+			+																				+	+		
Lymph Node, Mesenteric	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma								X							X														
Thymus	M	+	+	+	M	+	+	+	+	M	+	+	+	+	+	+	+	+	+	M	+	+	M	+	+	+	+	+	
Integumentary System																													
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:08
 First Dose M/F: NA / NA
 Lab: BAT

B6C3F1 Mouse Female 25 MG/KG20%/36M	DAY ON TEST	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0		
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	1	1	2	2	
	4	4	6	2	7	7	0	2	3	5	9	2	5	6	9	0	1	2	8	9	0	7	8	0	2	3	5	4	1	9	6

Squamous Cell Carcinoma
 Subcut Tiss, Sarcoma

Musculoskeletal System

Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Osteosarcoma																																

Nervous System

Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
-------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolar/Bronchiolar Adenoma	X				X																				X							
Alveolar/Bronchiolar Carcinoma														X			X															
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

Special Senses System

Ear																																
Eye															+																	
Harderian Gland	+	+	+	+	M	M	M	+	M	M	M	+	M	+	+	M	M	M	M	M	+	+	+	M	M	+	+	M	M	M	+	
Adenoma																																
Bilateral, Adenoma																																

Urinary System

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:08

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	ANIMAL ID																														
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	
B6C3F1 Mouse Female	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	6	6	7
25 MG/KG20%/36M	0	1	4	4	5	5	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	1	6	7	9	0	
	7	6	5	5	6	6	9	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	3	1	9	9	3		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	1	1	2	2
	7	8	9	0	7	9	8	7	7	7	7	8	8	8	8	9	9	9	9	9	0	0	0	1	1	1	1	9	7	1	0
	4	4	6	2	7	7	0	2	3	5	9	2	5	6	9	0	1	2	8	9	0	7	8	0	2	3	5	4	1	9	6
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Osteosarcoma, Metastatic, Bone																									X						
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+
SYSTEMIC LESIONS																															
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Histiocytic Sarcoma				X							X																	X			
Lymphoma Malignant Lymphocytic			X			X																				X		X			
Lymphoma Malignant Mixed		X					X		X																						X

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

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

Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:08
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST	0																	
	7	7	7	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9
3	3	9	0	1	1	3	4	4	4	5	1	5	6	7	7	8	8	9
7	7	0	3	4	5	0	6	8	8	9	8	2	1	2	4	0	7	5
ANIMAL ID	0																	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2	1	1	2	2	1	2	1	2	2	2	2	1	1	2	1	2	2
8	2	9	8	1	1	7	0	8	0	0	1	1	7	9	1	8	0	0
1	0	5	7	4	1	6	5	8	9	1	7	8	8	3	6	3	4	3
																		*TOTALS

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Gallbladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	48
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	49
Sarcoma, Metastatic, Skin																		X	1
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Hepatocellular Adenoma																		X	7
Hepatocellular Adenoma, Multiple																			1
Hepatocellular Carcinoma										X			X						4
Mesentery											+				+	+		+	6
Sarcoma, Metastatic, Skin																X		X	2
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Sarcoma, Metastatic, Skin																X			1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Tooth																			2

* ..Total animals with tissue examined microscopically; Total animals with tumor
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Experiment Number: 05121-08
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)
 Test Compound: Scopolamine hydrobromide trihydrate
 CAS Number: 6533-68-2

Date Report Requested: 10/16/2014
 Time Report Requested: 06:26:09
 First Dose M/F: NA / NA
 Lab: BAT

DAY ON TEST	ANIMAL ID																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B6C3F1 Mouse Female	7	7	7	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9
25 MG/KG20%/36M	3	3	9	0	1	1	3	4	4	4	5	1	5	6	7	7	8	8	9
	7	7	0	3	4	5	0	6	8	8	9	8	2	1	2	4	0	7	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	1	1	2	2	1	2	1	2	2	2	2	1	1	2	1	2	2
	8	2	9	8	1	1	7	0	8	0	0	1	1	7	9	1	8	0	0
	1	0	5	7	4	1	6	5	8	9	1	7	8	8	3	6	3	4	3

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Pheochromocytoma Benign																				1
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma																				2
Parathyroid Gland	+	+	+	+	+	M	+	+	+	+	+	M	M	+	+	+	+	+	+	46
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	49
Pars Distalis, Adenoma																			X	2
Pars Intermed, Adenoma																		X		2
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Bilateral, Follicular Cel, Adenoma																				1
Follicular Cel, Carcinoma																				1

General Body System

NONE

Genital System

Clitoral Gland	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	48
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	49

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

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

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:09

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

B6C3F1 Mouse Female 25 MG/KG20%/36M	DAY ON TEST																		*TOTALS
	0 7	0 7	0 7	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 8	0 9	0 9	0 9	0 9	0 9	0 9	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	2	1	1	2	2	1	2	1	2	2	2	2	1	1	2	1	2	
	8	2	9	8	1	1	7	0	8	0	0	1	1	7	9	1	8	0	
	1	0	5	7	4	1	6	5	8	9	1	7	8	8	3	6	3	4	
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Adenoma																			
Adenoma, Tubular																			
Cystadenoma															X				
Sarcoma, Metastatic, Skin																		X	
Uterus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Polyp Stromal																			
Hematopoietic System																			
Blood																			
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma																			
Lymph Node			+			+					+								
Lymph Node, Bronchial																			
Lymph Node, Mandibular	+	+	M	+	+	+	+	+	+	+	+	+	+	M	+	M	+	+	
Lymph Node, Mediastinal			+		+	+					+	+			+				
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hemangiosarcoma														X					
Thymus	M	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	M	
Integumentary System																			
Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	

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

M ..Missing tissue

+ ..Tissue examined microscopically

A ..Autolysis precludes evaluation

X ..Lesion present

BLANK ..Not examined microscopically

I ..Insufficient tissue

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:09

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	ANIMAL ID																			*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B6C3F1 Mouse Female	7	7	7	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9
25 MG/KG20%/36M	3	3	9	0	1	1	3	4	4	4	5	1	5	6	7	7	8	8	9	9
	7	7	0	3	4	5	0	6	8	8	9	8	2	1	2	4	0	7	5	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	1	1	2	2	1	2	1	2	2	2	2	1	1	2	1	2	2	2
	8	2	9	8	1	1	7	0	8	0	0	1	1	7	9	1	8	0	0	0
	1	0	5	7	4	1	6	5	8	9	1	7	8	8	3	6	3	4	3	3
Squamous Cell Carcinoma											X									1
Subcut Tiss, Sarcoma	X	X								X					X				X	5
Musculoskeletal System																				
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Osteosarcoma																				1
Nervous System																				
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Respiratory System																				
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Alveolar/Bronchiolar Adenoma										X										4
Alveolar/Bronchiolar Carcinoma																				2
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Trachea	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Special Senses System																				
Ear						+														1
Eye														+					+	3
Harderian Gland	M	+	+	M	+	+	M	M	M	M	+	M	M	+	+	+	+	+	+	25
Adenoma																		X		2
Bilateral, Adenoma															X					1
Urinary System																				

* ..Total animals with tissue examined microscopically; Total animals with tumor
+ ..Tissue examined microscopically
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BLANK ..Not examined microscopically

Experiment Number: 05121-08

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

Date Report Requested: 10/16/2014

Test Type: CHRONIC

Test Compound: Scopolamine hydrobromide trihydrate

Time Report Requested: 06:26:09

Route: GAVAGE

CAS Number: 6533-68-2

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: BAT

DAY ON TEST	ANIMAL ID																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B6C3F1 Mouse Female	7	7	7	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9
25 MG/KG20%/36M	3	3	9	0	1	1	3	4	4	4	5	1	5	6	7	7	8	8	9
	7	7	0	3	4	5	0	6	8	8	9	8	2	1	2	4	0	7	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	2	1	1	2	2	1	2	1	2	2	2	2	1	1	2	1	2	2
	8	2	9	8	1	1	7	0	8	0	0	1	1	7	9	1	8	0	0
	1	0	5	7	4	1	6	5	8	9	1	7	8	3	6	3	4	3	3
																			Kidney
																			Osteosarcoma, Metastatic, Bone
																			Urinary Bladder
																			SYSTEMIC LESIONS
																			Multiple Organ
																			Histiocytic Sarcoma
																			Lymphoma Malignant Lymphocytic
																			Lymphoma Malignant Mixed

** END OF REPORT **

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

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