

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

C Number:	C61494B
Lock Date:	01/22/1992
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	03/24/1992

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Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901021
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Thymus			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Epididymis		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]			
* Stomach, Forestomach		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901022
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 9-8]			
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-1]			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
	Pancreatic	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-10,7-14,6-13,8-12,4-9]			
[Lymphoma Malignant Mixed TGLS = 5-10,7-14,6-13,8-12,4-9]			
[Lymphoma Malignant Mixed TGLS = 5-10,7-14,6-13,8-12,4-9]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-10,7-14,6-13,8-12,4-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-10,7-14,6-13,8-12,4-9]			
Preputial Gland	Duct	Ectasia	Marked

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901022
ORGAN AND ACCOUNTABLE SITE STATUS			
[Ectasia TGLS = 2-15]			
* Spleen		Hematopoietic Cell Proliferation Lymphoma Malignant Mixed	Mild
[Lymphoma Malignant Mixed TGLS = 3-11]			
PRIMARY CAUSE OF DEATH -			
Animal Note: EROSION/ULCER ASS'D WITH LYMPHOMA NODULES			
Animal Note: RARE LYMPHOMA INFILTRATES IN MISC ORGANS/TISSUES			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901023
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Islets, Pancreatic			
OBSERVATIONS			
* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901024
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
Harderian Gland	* Mammary Gland		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
Note: TGL-1 INFARCTED			
[Hepatocellular Adenoma TGLS = 1-9,2-8]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901025
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
Harderian Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-8]			
* Pituitary Gland	Pars Intermed	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901026
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Date Report Requested: 10/20/2014
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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901027
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2-11,3-12]			
[Hepatocellular Carcinoma TGLS = 1-1]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 6-8]			
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 4-10]			
* Thyroid Gland	Follicle	Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901028
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
		Hyperplasia	Minimal
Harderian Gland		Hyperplasia	Minimal
* Heart	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-1]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 655 HISTO: 8901029
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Brain	Neuron	Necrosis	Mild
Eye	Cornea	Inflammation	Minimal
[Inflammation TGLS = 3-9]			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Intestine Small, Duodenum		Erosion	Moderate
* Kidney		Nephropathy	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 4-10]			
* Spleen		Depletion Lymphoid	Minimal
Note: CONTRACTED SPLEEN CONTRIBUTES TO SMALL GROSS SIZE			
[Depletion Lymphoid TGLS = 1-1]			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND COND DUE TO HARDERIAN NEOPLASM			
Animal Note: MISC PARENCHYMAL TISS HAVE SINGLE-CELL NECROSIS			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901030
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mesenteric	* Mammary Gland		
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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CAS Number: 121-54-0

Date Report Requested: 10/20/2014
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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901031
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 7-1]			
Lymph Node	Axillary	Lymphoma Malignant Lymphocytic	
	Lumbar	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1,2,3,4,5,8-13+8+10+14+12+9]			
[Lymphoma Malignant Lymphocytic TGLS = 1,2,3,4,5,8-13+8+10+14+12+9]			
[Lymphoma Malignant Lymphocytic TGLS = 1,2,3,4,5,8-13+8+10+14+12+9]			
[Lymphoma Malignant Lymphocytic TGLS = 1,2,3,4,5,8-13+8+10+14+12+9]			
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1,2,3,4,5,8-13+8+10+14+12+9]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1,2,3,4,5,8-13+8+10+14+12+9]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

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Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 11	TRT#: 1	SEX: Male	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901031
ORGAN AND ACCOUNTABLE SITE STATUS			
[Lymphoma Malignant Lymphocytic TGLS = 6-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 717 HISTO: 8901032
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 1-1]			
* Liver		Hemangiosarcoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hemangiosarcoma TGLS = 4-2]			
[Hepatocellular Adenoma TGLS = 2-8]			
[Hepatocellular Carcinoma TGLS = 3-10]			
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 5-9]			
* Spleen		Depletion Lymphoid	Minimal
PRIMARY CAUSE OF DEATH -			
Animal Note: DEATH DUE TO HEPATIC HEMANGIOSARC			

* PROTOCOL REQUIRED TISSUE

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Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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Test Compound: Benzethonium chloride
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Date Report Requested: 10/20/2014
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First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13

TRT#: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Bone
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

* Bone Marrow
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Skin
* Testes

* Brain
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Prostate
* Spleen
* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Lung

[Alveolar/Bronchiolar Adenoma TGLS = 1-2]

* Thymus

Note: EPITHELIAL CELL HYPERPLASIA NOTED

* Thyroid Gland

Follicle

Hyperplasia
Nephropathy
Alveolar/Bronchiolar Adenoma

Mild
Minimal

Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901034
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901035
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Mild
* Pancreas		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	TRT#: 1	SEX: Male	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901036
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Marked
[Ectasia TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901037
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
Harderian Gland	* Mammary Gland	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Mild
[Hepatocellular Adenoma TGLS = 3,4,5,7-10+12+13+09]			
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-2]			
PRIMARY CAUSE OF DEATH -			
Animal Note: MARKED TOOTH DYSPLASIA/INFLAMMATION NOTED			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Prostate
* Spleen
* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney
* Liver

Nephropathy
Clear Cell Focus

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Male

DAY ON TEST: 613

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
Harderian Gland	Hyperplasia	Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Pancreas	Atrophy	Minimal
* Thymus	Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: NODULAR SUBCAPSULAR SPINDLE-CELL HYPERPLASIA NOTED

Animal Note: PROLAPSED PENIS: WITHIN NORMAL LIMITS MICROSCOPICALLY

Animal Note: CAUSE OF MORIBUND COND UNDETERMINED

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901040
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901041
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	
MISSING			
Harderian Gland	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Thymus			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland		Ultimobranchial Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901042
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
Harderian Gland	* Mammary Gland	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-9]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 603 HISTO: 8901043
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Gallbladder	* Mammary Gland		
OBSERVATIONS			
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 5-10]			
[Hepatocellular Carcinoma TGLS = 3-9]			
* Lung			
Note: CAPILLARY GRANULOCYTOSIS NOTED			
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-8]			
* Thymus		Depletion Lymphoid	Moderate
PRIMARY CAUSE OF DEATH -			
Animal Note: DEATH DUE TO HEPATOCELLULAR CARC			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901044
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
Ear		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-8]			
* Epididymis		Inflammation	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
[Hepatocellular Carcinoma TGLS = 2-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901045
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			
MISSING			
Harderian Gland	* Mammary Gland		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901046
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-2]			
* Pancreas		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901047
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland	* Parathyroid Gland		
OBSERVATIONS			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 2-2+9]			
[Hepatocellular Carcinoma TGLS = 1-8,3-10]			
* Salivary Glands		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901048
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Epididymis		Inflammation	Minimal
* Kidney		Nephropathy	Mild
Note: HETEROTOPIC BONE NOTED			
* Pituitary Gland	Pars Intermed	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901049
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901050
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]			
* Parathyroid Gland		Cyst	
* Seminal Vesicle		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901051
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland	* Parathyroid Gland	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Intestine Small, Jejunum [Hyperplasia TGLS = 4-10]		Hyperplasia	Lymphoid, Mild
* Kidney		Nephropathy	Mild
* Liver [Hepatocellular Carcinoma TGLS = 1-9]		Hepatocellular Carcinoma	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lym Node Mesen Note: PANC NODE (SLIDE 11I) CODED AS "MEENTERIC" FOR ACCOUNTING			
* Pituitary Gland		Cyst	
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-8]		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH -			
Animal Note: TGL2: ECTOPIC SPLENIC TISSUE ADJ TO PANC, SEE SLIDE 11I.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901052
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901053
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Hyperplasia	Lymphoid, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901054
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Marked
		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2,5-9+1+10]			
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 6-11]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Ulcer	Mild
[Ulcer TGLS = 3-12]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901055
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Marked
		Hyperplasia	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901056
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 2-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla

* Bone

* Bone Marrow

* Brain

* Epididymis

* Esophagus

* Gallbladder

Harderian Gland

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Liver

* Lung

* Lymph Node, Mandibular

* Lymph Node, Mesenteric

* Mammary Gland

* Nose

* Pancreas

* Parathyroid Gland

* Pituitary Gland

* Prostate

* Salivary Glands

* Seminal Vesicle

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Testes

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex

Hyperplasia

Mild

* Islets, Pancreatic

Adenoma

Note: REMAINING ISLET TISSUE IS ATROPHIED

* Kidney

Nephropathy

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901058
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Intermed	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 637 HISTO: 8901059
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Brain	Neuron	Necrosis	Minimal
* Kidney		Nephropathy	Mild
* Lung	Alveolar Epith	Alveolar/Bronchiolar Adenoma	
		Hyperplasia	Marked
Note: CAPILLARY GRANULOCYTOSIS NOTED			
[Alveolar/Bronchiolar Adenoma TGLS = 2-8]			
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Depletion Lymphoid	Minimal
		Pigmentation	Hemosiderin, Mild
[Pigmentation TGLS = 1-1]			
* Thymus		Depletion Lymphoid	Marked
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH UNDETERMINED			
Animal Note: PIGMENT-STAINED MUCOSA CORRESPONDS TO TGL3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901060
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
Note: MULTIPLE CLEAR CELL FOCI; SLIGHT COMPRESSION			
[Clear Cell Focus TGLS = 1,3-1]			
Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 2-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901061
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Mammary Gland	* Pituitary Gland		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901062
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
Note: MULTIPLE EOS FOCI			
[Eosinophilic Focus TGLS = 2,3-1+9]			
[Hepatocellular Adenoma TGLS = 1-8]			
Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 4-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901063
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
Harderian Gland	* Mammary Gland	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,2,3,4,5-11+8+9+1+10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Prostate
* Spleen
* Thymus

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney
* Liver
[Hepatocellular Adenoma TGLS = 1-2+8]
* Lung

Nephropathy
Hepatocellular Adenoma
Hyperplasia

Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 8901065
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland	* Prostate	* Thymus
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OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Hemangiosarcoma	Multiple
	Hepatocellular Carcinoma	Multiple
[Hemangiosarcoma TGLS = 5-10]		
[Hepatocellular Carcinoma TGLS = 2,3,4,6-8+9+10]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 7-2]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HEPATOCELLULAR CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901066
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
Note: MULTIPLE MIXED CELL FOCI			
[Hepatocellular Adenoma TGLS = 1-8,2-1,5-1]			
[Mixed Cell Focus TGLS = 3,4-9]			
Mesentery		Hemangioma	
Note: HEMANGIOMA IN FAT, ADJACENT TO PROSTATE			
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Mild
[Ectasia TGLS = 6-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901067
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Intestine Small, Ileum	* Mammary Gland	* Thymus	
OBSERVATIONS			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infarct	Marked
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 3-10]			
[Hepatocellular Adenoma TGLS = 1-8]			
[Infarct TGLS = 2-9]			
Tooth		Inflammation	Suppurative, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901068
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Inflammation	Chronic Active, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Hydronephrosis	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: MULTIPLE FOCI PRESENT			
[Clear Cell Focus TGLS = 7-12]			
[Eosinophilic Focus TGLS = 6-1]			
[Hepatocellular Adenoma TGLS = 2,3,5,8-9+10+1+1]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Mild
[Ectasia TGLS = 4-11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 1	SEX: Male	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901068

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Heart
* Intestine Small, Duodenum
* Lymph Node, Mesenteric
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Nose
* Prostate
* Spleen
* Thymus

* Bone Marrow
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Brain
* Harderian Gland
* Intestine Large, Rectum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Islets, Pancreatic
* Kidney
* Liver

[Eosinophilic Focus TGLS = 2-1]

* Lung

[Alveolar/Bronchiolar Adenoma TGLS = 1-2]

Hyperplasia
Hyperplasia
Nephropathy
Eosinophilic Focus

Alveolar/Bronchiolar Adenoma

Mild
Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901070
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland	* Parathyroid Gland		
OBSERVATIONS			
* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2-8]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Marked
[Ectasia TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901071
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-9]			
* Pancreas		Cytoplasmic Alteration	Minimal
Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 2-8]			
* Spleen		Hyperplasia	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901072
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: FOCI MULTIPLE			
[Hepatocellular Adenoma TGLS = 2-8,3-9,4-1+10,6-2]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 5-2]			
* Pancreas		Atypia Cellular	Minimal
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Marked
[Ectasia TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Mild
* Islets, Pancreatic	Adenoma	
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,3,4,5-9+8+11+10]		
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]		
* Pancreas	Atypia Cellular	Minimal
* Pituitary Gland	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901074
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Heart
* Intestine Small, Duodenum
* Lung
* Parathyroid Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pituitary Gland
* Skin
* Thymus

* Bone Marrow
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Prostate
* Stomach, Forestomach
* Thyroid Gland

* Brain
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Salivary Glands
* Stomach, Glandular
* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Liver

Hyperplasia
Nephropathy
Hepatocellular Adenoma
Mixed Cell Focus

Minimal
Minimal
Multiple

[Hepatocellular Adenoma TGLS = 1,2-8+10]

[Mixed Cell Focus TGLS = 3-9]

* Pancreas
* Spleen

Atypia Cellular
Hematopoietic Cell Proliferation

Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Heart
* Intestine Small, Duodenum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Trachea

* Bone
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

* Bone Marrow
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Spleen
* Thymus

* Brain
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Prostate
* Stomach, Forestomach
* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Kidney

Hyperplasia
Hydronephrosis
Nephropathy
Eosinophilic Focus

Minimal
Minimal
Minimal

* Liver

Note: FOCI MULTIPLE

[Eosinophilic Focus TGLS = 2-1]

Preputial Gland

Duct

Ectasia
Inflammation

Marked
Chronic Active, Marked

[Ectasia TGLS = 1-8]

[Inflammation TGLS = 1-8]

* Skin

SOA-No Mass

Acanthosis

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 577 HISTO: 8901077
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow	Hemangiosarcoma	Metastatic (Liver)
* Heart	Hemangiosarcoma	Metastatic (Liver)
* Liver	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 2-1+2]	Hematopoietic Cell Proliferation	Mild
* Spleen	Hemangiosarcoma	Metastatic (Liver)
[Hemangiosarcoma TGLS = 1-8]	Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular	Erosion	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO HEMANGIOSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901078
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Intestine Small, Jejunum		Lymphoma Malignant Undifferentiated Cell Type	
Note: ULCER OVERLYING LYMPHOMA IN JEJUNUM [Lymphoma Malignant Undifferentiated Cell Type TGLS = 5-14]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Lymphoma Malignant Undifferentiated Cell Type	
Note: EOS FOCI MULTIPLE [Eosinophilic Focus TGLS = 6,7-9+11] [Lymphoma Malignant Undifferentiated Cell Type TGLS = 4-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Renal	Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3-12,2-13]			
* Lymph Node, Mandibular		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3-12,2-13]			
* Lymph Node, Mesenteric		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3-12,2-13]			
* Nose		Lymphoma Malignant Undifferentiated Cell Type	
* Pancreas		Atypia Cellular	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 58	TRT#: 1	SEX: Male	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901078
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen	Lymphoma Malignant Undifferentiated Cell Type		
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 1-8]			
* Thymus	Depletion Lymphoid		Mild
PRIMARY CAUSE OF DEATH		-	
Animal Note: RENAL NODE LYMPHOMA IS BILATERAL			
Animal Note: LYMPHOMA IN ADDITIONAL MISC TISS			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901079
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hemangiosarcoma	Metastatic (Skin)
Note: INVASION OF VERTEBRA BY OVERLYING HEMANGIOSARC			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-9]			
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Metastatic (Skin)
[Hemangiosarcoma TGLS = 2-1]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 4-10]			
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-8]			
* Thyroid Gland	Follicle	Cyst	
	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901080
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
* Skin	Subcut Tiss	Hemangioma	
Note: HEMANGIOMA IN SUBCUTIS OF NECK, IN PERISALIVARY FAT			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 3 DOSE: .15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901381
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62	TRT#: 3	SEX: Male	DAY ON TEST: 621
	DOSE: .15 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901382
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63

TRT#: 3

SEX: Male

DAY ON TEST: 695

DOSE: .15 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901384
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65	TRT#: 3 DOSE: .15 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 721 HISTO: 8901385
OBSERVATIONS * Skin [Acanthosis TGLS = 3-9]	SOA-No Mass SOA-No Mass	Acanthosis Ulcer	Mild Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 66	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: .15 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901386
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901387
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901388
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901389
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901390
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901391
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 72	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901392
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73	TRT#: 3	SEX: Male	DAY ON TEST: 571
	DOSE: .15 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901393
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901394
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901395
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901396
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77	TRT#: 3 DOSE: .15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901397
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 78	TRT#: 3	SEX: Male	DAY ON TEST: 712
	DOSE: .15 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901398
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901399
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901400
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81	TRT#: 3 DOSE: .15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901401
OBSERVATIONS * Skin [Acanthosis TGLS = 4-10]	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901402
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83	TRT#: 3 DOSE: .15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901403
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901404
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901405
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: .15 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901406
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 87	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: .15 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901407
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88	TRT#: 3	SEX: Male	DAY ON TEST: 712
	DOSE: .15 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901408
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: .15 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901410
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: .15 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92	TRT#: 3 DOSE: .15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901412
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93	TRT#: 3	SEX: Male	DAY ON TEST: 719
	DOSE: .15 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901413
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901414
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95	TRT#: 3 DOSE: .15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901415
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 732

DOSE: .15 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: .15 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901418
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901419
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901420

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101	TRT#: 3 DOSE: .15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901421
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: .15 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901423

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: .15 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: .15 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106	TRT#: 3 DOSE: .15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901426
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 3

SEX: Male

DAY ON TEST: 717

DOSE: .15 MG/KG

DISP: Natural Death

HISTO: 8901427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108	TRT#: 3 DOSE: .15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901428
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901429
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 110	TRT#: 3	SEX: Male	DAY ON TEST: 513
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901430
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111	TRT#: 3	SEX: Male	DAY ON TEST: 456
	DOSE: .15 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901431
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112	TRT#: 3 DOSE: .15 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901432
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114	TRT#: 3	SEX: Male	DAY ON TEST: 703
	DOSE: .15 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901434
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 117	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901437
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119	TRT#: 3	SEX: Male	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901439
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901261

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 122	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901262
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901264
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901265
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901266
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901267
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901268
OBSERVATIONS			
* Skin	SOA-No Mass SOA-No Mass, Sebaceous Gl SOA-No Mass	Acanthosis Hyperplasia Ulcer	Moderate Minimal Moderate
[Acanthosis TGLS = 6-12]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901269

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130	TRT#: 5	SEX: Male	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901270
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901271
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132	TRT#: 5	SEX: Male	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901272
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901273
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 134	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901274
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901275
OBSERVATIONS * Skin [Ulcer TGLS = 2-8]	SOA-No Mass SOA-No Mass	Acanthosis Ulcer	Moderate Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 136	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901276
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901278

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901279
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901280
OBSERVATIONS			
* Skin [Acanthosis TGLS = 3-10]	SOA-No Mass	Acanthosis	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 141	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901281
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901282
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 0.5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146	TRT#: 5	SEX: Male	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901286
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901287
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 660

DOSE: 0.5 MG/KG

DISP: Natural Death

HISTO: 8901288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 663 HISTO: 8901289
OBSERVATIONS			
* Skin	SOA-No Mass SOA-No Mass	Acanthosis Ulcer	Minimal Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 150	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901290
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 151	TRT#: 5	SEX: Male	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901291

ORGAN AND ACCOUNTABLE SITE STATUS	
NORMAL	
* Skin	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901292
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901293
OBSERVATIONS * Skin [Ulcer TGLS = 2-8]	SOA-No Mass SOA-No Mass	Acanthosis Ulcer	Moderate Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901295
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 156	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901296
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157	TRT#: 5	SEX: Male	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901297
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 158	TRT#: 5	SEX: Male	DAY ON TEST: 727
	DOSE: 0.5 MG/KG	DISP: Natural Death	HISTO: 8901298
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 160	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901300
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 161	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901301
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901302
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901303
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 164	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901304
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165

TRT#: 5

SEX: Male

DAY ON TEST: 684

DOSE: 0.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901306
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901307
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168	TRT#: 5	SEX: Male	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901308
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901309
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901310
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 172	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901312
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:21

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 173	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901313
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
OBSERVATIONS			
* Skin			
Note: RBCS SCATTERED OVER SOANM SECTION MAY HAVE CONTRIB TO TGL-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901314
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175	TRT#: 5	SEX: Male	DAY ON TEST: 713
	DOSE: 0.5 MG/KG	DISP: Natural Death	HISTO: 8901315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901316
OBSERVATIONS			
* Skin [Acanthosis TGLS = 3-10]	SOA-No Mass	Acanthosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:21
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901317
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178	TRT#: 5 DOSE: 0.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901318
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 180	TRT#: 5	SEX: Male	DAY ON TEST: 560
	DOSE: 0.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901320
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 1.5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Prostate
* Stomach, Forestomach
* Thyroid Gland

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Trachea

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pituitary Gland
* Spleen
* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney
* Skin

SOA-No Mass

Nephropathy
Acanthosis

Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 695 HISTO: 8901082
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia Hyperplasia Inflammation Hyperplasia Hydronephrosis Nephropathy	Adenomatous, Mild Minimal Chronic Active, Minimal Mild Minimal Mild
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus Clear Cell Focus Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4-1+11]			
* Nose			
Note: INFLAMMATORY POLYP ASS'D WITH TOOTH LESION			
* Pancreas		Necrosis	Minimal
Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 6-10]			
* Stomach, Forestomach		Erosion Hyperplasia	Mild Mild
[Hyperplasia TGLS = 5-4+9]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 182	TRT#: 7	SEX: Male	DAY ON TEST: 695
	DOSE: 1.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901082
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thymus		Depletion Lymphoid	Marked
Tooth		Inflammation	Chronic Active, Marked
PRIMARY CAUSE OF DEATH	-		
Animal Note: MORIBUND COND DUE TO TOOTH ABSCESS			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Heart
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Prostate
* Spleen
* Thymus

* Bone Marrow
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Brain
* Harderian Gland
* Intestine Large, Rectum
* Lung
* Pancreas
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

* Mammary Gland

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex
* Islets, Pancreatic
* Kidney
* Liver

Capsule

Hyperplasia
Hyperplasia
Nephropathy
Clear Cell Focus
Eosinophilic Focus
Hepatoblastoma
Hepatocellular Adenoma
Hepatocellular Carcinoma

Adenomatous, Minimal
Moderate
Minimal

Multiple

Note: FOCI ARE MULTIPLE

[Hepatoblastoma TGLS = 1-8]

[Hepatocellular Adenoma TGLS = 1-8+9+10]

[Hepatocellular Carcinoma TGLS = 1-9]

* Nose

Note: MARKED ODONTODYSPLASIA PRESENT

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901084
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Trachea	* Urinary Bladder		
MISSING			
Harderian Gland	* Mammary Gland	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Ear		Necrosis	Marked
[Necrosis TGLS = 2-9]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-10]			
Lymph Node	Lumbar	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-8]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-8]			
* Pancreas		Atypia Cellular	Minimal
* Skin	SOA-No Mass	Acanthosis	Moderate
	SOA-No Mass	Ulcer	Moderate
Note: MARKED ACANTHOSIS ASSOC WITH ULCER(S)			
[Acanthosis TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 184	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901084
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901085
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
* Kidney		Cyst	
		Nephropathy	Minimal
[Cyst TGLS = 2-9]			
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 5-1]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
[Hemangiosarcoma TGLS = 1-1]			
* Stomach, Glandular		Carcinoid Tumor Malignant	
[Carcinoid Tumor Malignant TGLS = 4-4]			
Tissue NOS		Hemorrhage	Minimal
Note: SLIDE 08: DILATED URETHRA, MASSIVE CONGESTION IN AREA			
Note: OF BULBOURETHRAL GLANDS CONTRIBUTES TO MOST OF TGL-3			
[Hemorrhage TGLS = 3-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901086
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 2-9]			
* Pancreas		Atypia Cellular	Minimal
Preputial Gland	Duct	Ectasia	Marked
		Inflammation	Chronic Active, Moderate
[Ectasia TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901087
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
Harderian Gland	* Mammary Gland		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 659 HISTO: 8901088
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Intestine Small, Duodenum [Adenoma TGLS = 5-4]		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney [Nephropathy TGLS = 6-1]		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 4-1] [Necrosis TGLS = 3-1+2]		Hepatocellular Adenoma Necrosis	Moderate
* Lung Note: AGONAL THROMBOSIS		Thrombosis	
Lymph Node [Lymphoma Malignant Mixed TGLS = 1-8]	Mediastinal	Lymphoma Malignant Mixed	
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen [Hematopoietic Cell Proliferation TGLS = 2-9]		Hematopoietic Cell Proliferation	Marked
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188	TRT#: 7	SEX: Male	DAY ON TEST: 659
	DOSE: 1.5 MG/KG	DISP: Natural Death	HISTO: 8901088

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: DEATH DUE TO MEDIASTINAL MASS AND ANEMIA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Testes

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

* Brain
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Prostate
* Stomach, Forestomach
* Trachea

* Epididymis
* Heart
* Intestine Small, Duodenum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Bone Marrow
* Kidney
* Liver

Erythroid Cell

Hyperplasia
Hyperplasia
Nephropathy
Clear Cell Focus
Eosinophilic Focus
Hepatocellular Adenoma
Hepatocellular Carcinoma
Mixed Cell Focus

Minimal
Mild
Mild

Multiple

[Hepatocellular Adenoma TGLS = 1-2,3-9]

[Hepatocellular Carcinoma TGLS = 2-8]

[Mixed Cell Focus TGLS = 4-1]

* Spleen
* Thyroid Gland

Hematopoietic Cell Proliferation
Inflammation

Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901090
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
Note: SUBCAPSULAR VEIN INTERPRETED TO BE TGL-2 (SLIDE 08)			
[Eosinophilic Focus TGLS = 1-1]			
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 3-9]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Prostate
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Trachea

* Bone Marrow
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

* Brain
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pituitary Gland
* Spleen
* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Skin

SOA-No Mass

Hyperplasia
Nephropathy
Acanthosis

Minimal
Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pituitary Gland
* Spleen
* Thymus

* Bone
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Prostate
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Salivary Glands
* Stomach, Glandular
* Trachea

* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Pancreas
* Seminal Vesicle
* Testes
* Urinary Bladder

MISSING

* Mammary Gland

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex
* Epididymis
* Kidney
* Liver

Hyperplasia
Inflammation
Nephropathy
Basophilic Focus
Hepatocellular Adenoma

Minimal
Minimal
Minimal

[Hepatocellular Adenoma TGLS = 1-8]

* Skin SOA-No Mass

Acanthosis

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 193	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901093
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland	Preputial Gland	* Thymus	
OBSERVATIONS			
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2-8,6-9]			
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Note: TGL-3 (RED FOCI) INTERPRETED TO BE CONGESTED VESSELS (B11)			
Note: NUMEROUS FOCI OF ALV BRON CARC SEEDING THE RIGHT LUNG			
[Alveolar/Bronchiolar Carcinoma TGLS = 4-12,7-13]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 5-6]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Testes

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

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Prostate
* Stomach, Forestomach
* Trachea

* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

MISSING

Harderian Gland

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Lung
* Skin
* Thyroid Gland

SOA-No Mass
Follicular Cel

Hyperplasia
Nephropathy
Alveolar/Bronchiolar Adenoma
Acanthosis
Hyperplasia

Minimal
Minimal

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ACC CORT NODULE NOTED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 1.5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Spleen
* Thymus

* Bone
* Esophagus
* Intestine Large, Colon
* Islets, Pancreatic
* Nose
* Prostate
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Trachea

MISSING

* Intestine Small, Ileum

* Mammary Gland

OBSERVATIONS

Harderian Gland
* Kidney
* Liver
* Skin

SOA-No Mass

Adenoma
Nephropathy
Hepatocellular Adenoma
Acanthosis

Minimal

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Prostate
* Spleen
* Thymus

* Bone
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
Harderian Gland
* Intestine Large, Rectum
* Lung
* Pancreas
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Brain
* Heart
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pituitary Gland
* Skin
* Testes
* Urinary Bladder

MISSING

* Mammary Gland

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex
* Epididymis
* Islets, Pancreatic
* Kidney
* Liver

Hyperplasia
Inflammation
Hyperplasia
Nephropathy
Clear Cell Focus
Eosinophilic Focus
Hepatocellular Adenoma

Minimal
Moderate
Minimal
Minimal

Multiple

[Clear Cell Focus TGLS = 6-11]

[Eosinophilic Focus TGLS = 6-11]

[Hepatocellular Adenoma TGLS = 1,2,3,4,5,7,8-2+8+10+8+9+12+13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
[Nephropathy TGLS = 4-1]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Pancreas		Atrophy	Marked
		Concretion	Moderate
	Duct	Cyst	
Note: ARTERITIS ASSOC WITH CYSTIC DUCT			
[Cyst TGLS = 5-8]			
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-9]			
* Sem Ves			
Note: DILATATION WITHIN NORMAL LIMITS MICROSCOPICALLY (TGL-2)			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: LYMPHAGIECTASIS, MEDIASTINAL NODE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Prostate
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Rectum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Trachea

* Bone Marrow
* Gallbladder
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Pituitary Gland
* Spleen
* Thymus

MISSING

Harderian Gland

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Heart
* Islets, Pancreatic
* Kidney
* Liver

Valve

Hyperplasia
Inflammation
Hyperplasia
Nephropathy
Eosinophilic Focus
Hepatocellular Adenoma
Mixed Cell Focus

Minimal
Chronic Active, Mild
Minimal
Minimal
Multiple

Note: MULTIPLE FOCI

[Eosinophilic Focus TGLS = 5-8]

[Hepatocellular Adenoma TGLS = 1,2,3-2+9+9]

[Mixed Cell Focus TGLS = 6-1]

* Skin

SOA-No Mass

Inflammation
Melanoma Benign

Chronic Active, Minimal

Note: MELANOMA FROM DERMIS OF TAIL

[Melanoma Benign TGLS = 4-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1-1]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 2,3-8]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Ulcer	Minimal
[Ulcer TGLS = 4-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 712 HISTO: 8901100
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Epididymis	* Mammary Gland		
OBSERVATIONS			
Eye [Inflammation TGLS = 6-11]	Cornea	Inflammation	Marked
Harderian Gland [Adenoma TGLS = 1-10]		Adenoma	
* Intestine Small, Jejunum [Lymphoma Malignant Mixed TGLS = 4-8]		Lymphoma Malignant Mixed	
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 5-2] [Hepatocellular Carcinoma TGLS = 2-2+9]		Hepatocellular Adenoma Hepatocellular Carcinoma	
* Lung		Hepatocellular Carcinoma Thrombosis	Metastatic (Liver)
* Pancreas		Atrophy	Mild
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen [Hematopoietic Cell Proliferation TGLS = 3-1]		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200	TRT#: 7	SEX: Male	DAY ON TEST: 712
	DOSE: 1.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901100

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND COND DUE TO HEPATO CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	* Mammary Gland
-----------------	-----------------

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3-10,5-2]			
Mesentery	Vein	Thrombosis	
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-9]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
Note: FOCAL LYMPHOID HYPERPLASIA			
[Hematopoietic Cell Proliferation TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY 1 ADRENAL PRESENT FOR EXAM

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	TRT#: 7	SEX: Male	DAY ON TEST: 456
	DOSE: 1.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901102
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901103
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-1]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 1.5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Prostate
* Stomach, Forestomach
* Thyroid Gland

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Trachea

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pituitary Gland
* Spleen
* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney
* Skin

SOA-No Mass

Nephropathy
Acanthosis

Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Salivary Glands
* Stomach, Glandular
* Trachea

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Seminal Vesicle
* Testes
* Urinary Bladder

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Pituitary Gland
* Spleen
* Thymus

* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Prostate
* Stomach, Forestomach
* Thyroid Gland

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Liver
* Skin

SOA-No Mass

Hyperplasia
Nephropathy
Hepatocellular Adenoma
Acanthosis

Minimal
Minimal

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Parathyroid Gland
* Seminal Vesicle
* Testes

* Bone Marrow
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pituitary Gland
* Spleen
* Thyroid Gland

* Brain
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Prostate
* Stomach, Forestomach
* Trachea

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Liver

Hyperplasia
Nephropathy

Minimal
Minimal

Note: SCATTERED PIGMENTED MACROPHAGES NOTED

Mesentery
* Pancreas
Preputial Gland

Inflammation
Atrophy
Ectasia

Chronic Active, Mild
Mild
Marked

[Ectasia TGLS = 1-8]

* Skin
* Thymus

SOA-No Mass

Acanthosis
Depletion Lymphoid

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	TRT#: 7	SEX: Male	DAY ON TEST: 456
	DOSE: 1.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901107
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 2-9]			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208

TRT#: 7

SEX: Male

DAY ON TEST: 705

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 3-10]			
[Hepatocellular Carcinoma TGLS = 2-9]			
Preputial Gland	Duct	Ectasia	Moderate
[Ectasia TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HEPATO CARC

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901109
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pituitary Gland		Cyst	
* Skin	SOA-No Mass	Acanthosis	Minimal
* Stomach, Forestomach		Hyperplasia	Mild
[Hyperplasia TGLS = 3-9]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210

TRT#: 7

SEX: Male

DAY ON TEST: 684

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland	* Lymph Node, Mesenteric	* Thymus
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OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Heart		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 4-1]			
* Liver		Eosinophilic Focus	
		Hemangioma	
		Hepatocellular Carcinoma	Multiple
[Hemangioma TGLS = 5-9]			
[Hepatocellular Carcinoma TGLS = 1,2-10+11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HEPATO CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Minimal
		Hyperplasia	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 1,3,4,5-2+9+1+10]			
* Pancreas		Atrophy	Mild
Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 212	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901112
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Skin	SOA-No Mass	Acanthosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901113
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
* Lung	Bronchiole	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
Note: FOCI MULTIPLE			
[Eosinophilic Focus TGLS = 7-11]			
[Hepatocellular Adenoma TGLS = 3,4,5,6-10+1+12+14]			
[Hepatocellular Carcinoma TGLS = 2-2]			
* Lymph Node, Mesenteric		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 9-9]			
Preputial Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 8-1]			
Tooth		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 215

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 1.5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Bone

* Bone Marrow

* Brain

* Epididymis

* Esophagus

* Gallbladder

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Liver

* Lung

* Lymph Node, Mandibular

* Lymph Node, Mesenteric

* Mammary Gland

* Nose

* Pancreas

* Parathyroid Gland

* Pituitary Gland

* Prostate

* Salivary Glands

* Seminal Vesicle

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Testes

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

OBSERVATIONS

* Kidney

Nephropathy

Minimal

* Skin

SOA-No Mass

Acanthosis

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 216

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-1]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]		
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Spleen	Hyperplasia	Lymphoid, Mild
* Thymus	Hyperplasia	Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	TRT#: 7	SEX: Male	DAY ON TEST: 456
	DOSE: 1.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901117
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-8]			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901118
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
Harderian Gland	* Mammary Gland		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Moderate
* Epididymis		Inflammation	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
Note: FOCI MULTIPLE			
[Eosinophilic Focus TGLS = 7-13]			
[Hepatocellular Adenoma TGLS = 2-1,5-2+11,6-12]			
Mesentery		Hemangioma	
Note: IN FAT, ADJACENT TO KIDNEY			
[Hemangioma TGLS = 3-10]			
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 219

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Glands	Carcinoma	
* Pituitary Gland	Pars Intermed	Hyperplasia	Moderate
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901120
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Moderate
* Intestine Small, Jejunum		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 2-8]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: MARKED LYPHOID HYPERPLASIA + INFLAM DUE TO FOREIGN MATERIAL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901121
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland	* Pituitary Gland		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Epididymis		Inflammation	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Note: FOCI MULTIPLE			
[Eosinophilic Focus TGLS = 2-8]			
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-9]		Inflammation	Chronic Active, Mild
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 222	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901122
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
Harderian Gland		Adenoma	
* Intestine Large, Cecum		Leiomyosarcoma	
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 2,3-9+10]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 1.5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Pancreas
* Salivary Glands
* Testes
* Urinary Bladder

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Thymus

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Prostate
* Stomach, Glandular
* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney
* Liver

Nephropathy
Hepatocellular Adenoma
Hepatocellular Carcinoma

Minimal

[Hepatocellular Adenoma TGLS = 1-2+8]
[Hepatocellular Carcinoma TGLS = 2-9]

* Skin SOA-No Mass
* Spleen

Acanthosis
Hematopoietic Cell Proliferation

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 224	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901124
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
Harderian Gland	* Lymph Node, Mandibular	* Mammary Gland	
OBSERVATIONS			
* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Hyperplasia	Minimal
* Liver		Nephropathy	Minimal
[Basophilic Focus TGLS = 2-1]		Basophilic Focus	
Preputial Gland	Duct	Ectasia	Moderate
Note: KERATIN ACCUMULATION IN DUCTS IMPARTS GROSS COLOR NOTATION			
[Ectasia TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: FOCI MULTIPLE			
[Clear Cell Focus TGLS = 6-10]			
[Eosinophilic Focus TGLS = 5-9,7-11]			
[Hepatocellular Adenoma TGLS = 1,2,3,4-2+8+1+1]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Stomach, Forestomach		Hyperplasia	Marked
[Hyperplasia TGLS = 8-12]			

PRIMARY CAUSE OF DEATH

-

Animal Note: TWO SITES OF HYPERPLASIA PRESENT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 226

TRT#: 7

SEX: Male

DAY ON TEST: 719

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pituitary Gland
* Skin
* Thyroid Gland

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Prostate
* Stomach, Forestomach
* Trachea

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Pancreas
* Seminal Vesicle
* Testes

MISSING

Harderian Gland

* Mammary Gland

* Parathyroid Gland

* Thymus

OBSERVATIONS

* Bone Marrow
* Kidney
* Liver

Erythroid Cell

Hyperplasia
Nephropathy
Hemangiosarcoma
Necrosis

Mild
Minimal
Multiple
Moderate

[Hemangiosarcoma TGLS = 1,2,3-1+2+8]

[Necrosis TGLS = 4-1]

* Lung

Note: THROMBI CAUSED BY INVASION OF HEPATIC HEMANGIOSARC

Note: HEPATOCYTE THROMBI NOTED

* Spleen

Hematopoietic Cell Proliferation

Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HEMANGIOSARC

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901127
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Thymus			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Note: MINUTE MARROW GRANULOMA NOTED			
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Pituitary Gland		Cyst	
* Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228

TRT#: 7

SEX: Male

DAY ON TEST: 518

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Seminal Vesicle
* Testes

* Bone
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Spleen
* Thyroid Gland

* Bone Marrow
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Brain
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

MISSING

* Mammary Gland

* Pituitary Gland

* Thymus

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Prostate
* Skin

Artery
SOA-No Mass
SOA-No Mass

Hyperplasia
Nephropathy
Inflammation
Acanthosis
Inflammation

Minimal
Minimal
Chronic Active, Marked
Moderate
Chronic Active, Mild

[Acanthosis TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

Animal Note: CHRON-ACTIVE POLYARTERITIS MAY HAVE CONTRIB TO HEAD TILT

Animal Note: MORIBUND SAC DUE TO HEAD TILT; CAUSE OF TILT NOT FOUND

Animal Note: MIDDLE-EAR SECTION WITHIN NORMAL LIMITS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901129
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Epididymis		Inflammation	Moderate
* Intestine Small, Jejunum		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 5-11]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
Note: HETEROTOPIC BONE NOTED			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
Note: FOCI MULTIPLE			
[Eosinophilic Focus TGLS = 6-8]			
[Hepatocellular Adenoma TGLS = 2-8]			
[Hepatocellular Carcinoma TGLS = 1-1,3-9]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
[Alveolar/Bronchiolar Adenoma TGLS = 4-10]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901129
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 230

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: FOCI MULTIPLE			
[Eosinophilic Focus TGLS = 2-8]			
[Hepatocellular Adenoma TGLS = 1,3,4-1+1+9]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
* Skin	SOA-No Mass	Acanthosis	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 231

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 1.5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Pancreas
* Salivary Glands
* Testes
* Urinary Bladder

* Adrenal Medulla
* Epididymis
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Seminal Vesicle
* Thymus

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Prostate
* Stomach, Glandular
* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney
* Liver

Nephropathy
Fatty Change
Hepatocellular Adenoma
Hepatocellular Carcinoma

Minimal
Focal, Mild

[Hepatocellular Adenoma TGLS = 2-9]
[Hepatocellular Carcinoma TGLS = 1-8]

* Skin
* Spleen

SOA-No Mass

Acanthosis
Hematopoietic Cell Proliferation

Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	TRT#: 7	SEX: Male	DAY ON TEST: 584
	DOSE: 1.5 MG/KG	DISP: Natural Death	HISTO: 8901132
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
Note: TUMOR CONGESTED, POSSIBLY INFARCTED			
[Hepatocellular Adenoma TGLS = 2-9]			
Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 1-8]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
PRIMARY CAUSE OF DEATH			
-			
Animal Note: DEATH DUE TO (INFARCTED) HEPATO ADENOMA			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901133
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland	* Thymus		
OBSERVATIONS			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
Note: FOCI MULTIPLE			
[Clear Cell Focus TGLS = 1-8,4-1]			
[Hepatocellular Adenoma TGLS = 2-1]			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 3-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 234	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901134
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland	* Parathyroid Gland		
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule Hyperplasia	Mild
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
* Kidney		Nephropathy	Minimal
Note: HETEROTOPIC BONE NOTED			
* Lung		Carcinoma	Metastatic (Thyroid Gland)
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-8]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Thymus		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 235	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 687 HISTO: 8901135
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder
MISSING			
Harderian Gland	* Mammary Gland		
OBSERVATIONS			
* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-10]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-2]			
* Skin	Subcut Tiss	Hemangiosarcoma	Metastatic (Spleen)
[Hemangiosarcoma TGLS = 4-8]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-9]			
* Thymus		Depletion Lymphoid	Marked
Note: META HEMANGIOSARC FROM SPLEEN NOTED ADJACENT TO THYMUS			
* Thyroid Gland		Hemangiosarcoma	Metastatic (Spleen)
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND COND DUE TO HEMANGIOSARC			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236

TRT#: 7

SEX: Male

DAY ON TEST: 612

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Histiocytic Sarcoma	
* Bone Marrow	Histiocytic Sarcoma	
* Brain	Histiocytic Sarcoma	
Ear	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]		
* Epididymis	Histiocytic Sarcoma	
* Kidney	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-9]		
* Liver	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-1+2+10]		
* Lung	Histiocytic Sarcoma	
* Lym Node Mesen		
Note: EMH REPLACES LYMPHOID TISS - MESENTERIC NODE		
Mesentery	Histiocytic Sarcoma	
* Pituitary Gland	Histiocytic Sarcoma	
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Histiocytic Sarcoma	
[Hematopoietic Cell Proliferation TGLS = 2,5-8]		
[Histiocytic Sarcoma TGLS = 2,5-8]		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901137
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-1]			
* Skin	SOA-No Mass	Acanthosis	Minimal
	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 238	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901138
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Heart		Hemangiosarcoma	Metastatic (Liver)
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Multiple
		Hepatocellular Carcinoma	
[Hemangiosarcoma TGLS = 3-1]			
[Hepatocellular Carcinoma TGLS = 2-10]			
Preputial Gland	Duct	Ectasia	Marked
[Ectasia TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Erosion	Mild
		Hyperplasia	Mild
[Hyperplasia TGLS = 4-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 7

SEX: Male

DAY ON TEST: 725

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Urinary Bladder

* Bone
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular

* Brain
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Pituitary Gland
* Skin
* Testes

* Epididymis
* Heart
* Intestine Small, Duodenum
* Nose
* Prostate
* Spleen
* Trachea

MISSING

* Lymph Node, Mandibular

* Lymph Node, Mesenteric

* Mammary Gland

* Thymus

OBSERVATIONS

* Adrenal Cortex
* Bone Marrow
* Kidney
* Liver

Erythroid Cell

Hyperplasia
Hyperplasia
Nephropathy
Basophilic Focus
Hepatocellular Carcinoma

Alveolar/Bronchiolar Adenoma

Hyperplasia

Minimal
Mild
Mild

Mild

[Hepatocellular Carcinoma TGLS = 1-8]

* Lung

[Alveolar/Bronchiolar Adenoma TGLS = 2-2]

* Thyroid Gland

Follicular Cel

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HEPATIC NEOPLASM

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240	TRT#: 7 DOSE: 1.5 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901140
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Gallbladder	* Mammary Gland	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Capsule	Hyperplasia	Adenomatous, Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: MULTIPLE FOCI			
[Eosinophilic Focus TGLS = 3,4-8+10]			
[Hepatocellular Adenoma TGLS = 1,2-9+2]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary	Interstitium	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye Note: KERATITIS, LENS, RETINAL DEGEN DUE TO HARDER'S TUMOR [Degeneration TGLS = 1-9]	Degeneration	Moderate
Harderian Gland [Adenoma TGLS = 2-8]	Adenoma	
* Liver [Hepatocellular Adenoma TGLS = 6-1]	Hepatocellular Adenoma	
* Lung Note: PIGMENT-LADEN ALVEOLAR MACROPHAGES	Pigmentation	Hemosiderin, Moderate
Mesentery Note: IN PERIRENAL FAT	Hemangioma	
* Ovary [Cyst TGLS = 3-6]	Cyst Cystadenoma	
* Uterus [Hyperplasia TGLS = 4,5-6+10]	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 691 HISTO: 8901143
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Bone	* Brain	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Thymus			
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
Note: HETEROTOPIC BONE PRESENT			
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-2+8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND COND DUE TO HEPATO CARC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901144
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
Harderian Gland			
OBSERVATIONS			
* Heart		Inflammation	Chronic Active, Minimal
* Liver		Eosinophilic Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-7]			
* Uterus		Infiltration Cellular	Histiocyte, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 245	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901145
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		
MISSING			
* Thymus	* Urinary Bladder		
OBSERVATIONS			
Harderian Gland		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-8]			
Mesentery		Myxosarcoma	Metastatic (Skin)
* Skin	SOA-No Mass	Acanthosis	Minimal
	SOA-Mass, Subcut Tiss	Myxosarcoma	Multiple
	Subcut Tiss	Sarcoma	
[Myxosarcoma TGLS = 3,4-9+10]			
[Sarcoma TGLS = 5-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	
Note: CYSTS BILATERAL [Cyst TGLS = 2-6]			
* Skin	Subcut Tiss	Fibrosarcoma	
Note: MASS IN SUBCUTIS OF VENTRAL SKIN [Fibrosarcoma TGLS = 3-9]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-8]			
* Thymus		Depletion Lymphoid	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 247	TRT#: 2	SEX: Female	DAY ON TEST: 732
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901147
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-1]			
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Uterus		Cyst	
[Cyst TGLS = 2-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	TRT#: 2	SEX: Female	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901148
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 249

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Mammary Gland
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lung
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mandibular
* Pancreas
* Skin
* Thymus

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Lymph Node, Mesenteric
* Parathyroid Gland
* Spleen
* Thyroid Gland

OBSERVATIONS

* Ovary
[Cyst TGLS = 1-6]
* Uterus

Cyst

Hyperplasia

Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 250	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901150
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
Harderian Gland			
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Ovary		Cyst	
		Cystadenoma	
[Cyst TGLS = 1-6]			
* Pituitary Gland		Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251

TRT#: 2

SEX: Female

DAY ON TEST: 689

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 8901151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Liver		Hemangiosarcoma	Metastatic (Spleen)
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 4,5-2+8+9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-10]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-6+11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO HEMANGIOSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252

TRT#: 2

SEX: Female

DAY ON TEST: 639

DOSE: 0 MG/KG

DISP: Accidentally Killed

HISTO: 8901152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thymus
* Uterus

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Thyroid Gland

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Pituitary Gland
* Stomach, Forestomach
* Trachea

MISSING

Harderian Gland

* Parathyroid Gland

OBSERVATIONS

* Kidney
* Skin

Nephropathy

Minimal

Note: TANGENTIAL CUT OF SOA SKIN

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO TRAUMA (BROKEN NECK)

Animal Note: CERVICAL NECK NOT EXAMINED MICROSCOPICALLY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Gallbladder	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Brain		Hemorrhage	Mild
* Heart		Inflammation	Chronic Active, Mild
		Mineralization	Mild
* Kidney		Glomerulosclerosis	Mild
Note: GLOMERULONEPHRITIS WOULD BE A BETTER DESCRIPTIVE TERM [Glomerulosclerosis TGLS = 4-1]			
* Liver		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Mild
[Necrosis TGLS = 3-1+2]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-8]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-8]			
* Pancreas		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-9]			
* Stomach, Glandular		Erosion	Mild
* Thyroid Gland	Follicle	Cyst	
* Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901153

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-6+10]

PRIMARY CAUSE OF DEATH

-

Animal Note: LYMPHOPROLIFERATIVE DISEASE IN ADDITIONAL MISC TISS.

Animal Note: MORIBUND COND DUE TO ANEMIA, PRESUMABLY ASS'D WITH LYMPHOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901154
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
* Bone Marrow	Erythroid Cell	Hyperplasia	Moderate
		Myelofibrosis	Minimal
		Carcinoma	
* Intestine Small, Jejunum			
[Carcinoma TGLS = 4-8]			
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 1,3-10+9]			
[Necrosis TGLS = 2-2]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Depletion Lymphoid	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901155
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
		Myelofibrosis	Minimal
* Heart	Artery	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2,3-8]			
* Spleen		Angiectasis	Moderate
		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Carcinoma	
* Uterus		Hyperplasia	Cystic, Moderate
Note: MILD-MODERATE CHRONIC-ACTIVE INFLAM OF VAGINA/CERVIX			
[Hyperplasia TGLS = 1-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 256	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901156
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Eye		Degeneration	Moderate
[Degeneration TGLS = 1-8]			
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 2-9]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Hepatocellular Adenoma TGLS = 5-2]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
	Alveolus	Pigmentation	Hemosiderin, Minimal
Note: PIGMENTED ALVEOLAR MACROPHAGES			
* Pituitary Gland		Angiectasis	Marked
	Pars Distalis	Hyperplasia	Mild
[Angiectasis TGLS = 4-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
Note: FOCI MULTIPLE			
[Eosinophilic Focus TGLS = 4-8]			
[Hepatocellular Adenoma TGLS = 2,3,5-1+9+1]			
* Lung	Alveolar Epith	Hyperplasia	Marked
Note: CHRONIC BRONCHIOLITIS ASS'D WITH LUNG HYPERPLASIA			
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 258

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thyroid Gland

* Bone
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Stomach, Forestomach
* Trachea

* Bone Marrow
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Stomach, Glandular
* Urinary Bladder

* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Salivary Glands
* Thymus

OBSERVATIONS

* Adrenal Cortex
* Kidney
* Liver

Hyperplasia
Nephropathy
Basophilic Focus
Hepatocellular Adenoma

Minimal
Minimal

[Hepatocellular Adenoma TGLS = 3-1]

* Pituitary Gland
* Spleen

Pars Distalis

Hyperplasia
Lymphoma Malignant Mixed

Minimal

[Lymphoma Malignant Mixed TGLS = 2-8]

* Uterus

Hyperplasia

Cystic, Mild

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 259	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901159
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 260

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Trachea

* Bone
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Pituitary Gland
* Stomach, Glandular

* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Thymus

OBSERVATIONS

* Adrenal Cortex

Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.

* Bone Marrow
* Kidney
* Liver
* Skin
* Thyroid Gland
* Uterus

SOA-No Mass
Follicle

Accessory Adrenal Cortical Nodule

Myelofibrosis
Nephropathy
Eosinophilic Focus
Inflammation
Cyst
Hyperplasia

Mild
Minimal

Chronic Active, Minimal

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	TRT#: 2	SEX: Female	DAY ON TEST: 317
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 8901161
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Thymus			
OBSERVATIONS			
* Lung	Pleura	Inflammation	Mild
Mesentery		Inflammation	Suppurative, Mild
Note: HEPATIC, INTESTINAL SEROSITIS; OMENTITIS			
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-6]			
* Spleen		Depletion Lymphoid	Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD: SEPTICEMIA DUE TO OVARIAN ABSCESS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901162
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Thymus
* Trachea	* Urinary Bladder		
MISSING			
* Intestine Small, Duodenum	* Stomach, Forestomach	* Stomach, Glandular	
OBSERVATIONS			
* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 4-10]			
[Hepatocellular Carcinoma TGLS = 3,5-9+11]			
[Inflammation TGLS = 6-8]			
* Lym Node Mesen			
Note: SMALL PANCREATIC NODE RECORDED FOR MESENTERIC NODE			
Lymph Node	Mediastinal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-13,7-7+14]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-13,7-7+14]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-12]			
* Thyroid Gland	Follicle	Cyst	
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 262	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901162

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney			
Note: HETEROTOPIC BONE NOTED			
* Liver		Hepatocellular Carcinoma Inflammation	Multiple Chronic Active, Mild
[Hepatocellular Carcinoma TGLS = 3-1+8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 1,2-2]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
[Hematopoietic Cell Proliferation TGLS = 4-9]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 3-1]			
[Hepatocellular Carcinoma TGLS = 2-1]			
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pancreas		Atypia Cellular	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	TRT#: 2	SEX: Female	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901165
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mesenteric			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 266	TRT#: 2	SEX: Female	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901166
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 267

TRT#: 2

SEX: Female

DAY ON TEST: 722

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia Myelofibrosis	Mild Minimal
* Intestine Small, Duodenum		Erosion	Marked
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 2-9]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6+8]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HEPATO CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 268	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901168
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
Eye		Degeneration	Moderate
[Degeneration TGLS = 1-8]			
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thymus		Hyperplasia	Lymphoid, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269

TRT#: 2

SEX: Female

DAY ON TEST: 660

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Uterus		

MISSING

* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Intestine Small, Jejunum		Hemangiosarcoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Lymphoma Malignant Lymphocytic	
* Liver	Hepatocyte	Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
Note: FOCAL NODULAR HYPERPLASIA TGL-9			
[Hyperplasia TGLS = 9-10]			
* Lung		Lymphoma Malignant Lymphocytic	
Lymph Node	Lumbar	Lymphoma Malignant Lymphocytic	
	Mediastinal	Lymphoma Malignant Lymphocytic	
	Renal	Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6-12,7-8,4-3+7,5-4,2-9]			
[Lymphoma Malignant Lymphocytic TGLS = 6-12,7-8,4-3+7,5-4,2-9]			
[Lymphoma Malignant Lymphocytic TGLS = 6-12,7-8,4-3+7,5-4,2-9]			
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6-12,7-8,4-3+7,5-4,2-9]			
* Lymph Node, Mesenteric		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 6-12,7-8,4-3+7,5-4,2-9]			
* Ovary		Cyst	
		Lymphoma Malignant Lymphocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 660 HISTO: 8901169
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ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-6]			
* Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-13]			
* Stomach, Forestomach		Hyperplasia	Mild
		Lymphoma Malignant Lymphocytic	
[Hyperplasia TGLS = 10-11]			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 8-2]			
* Urinary Bladder		Lymphoma Malignant Lymphocytic	

PRIMARY CAUSE OF DEATH -

Animal Note: MAL LYMPHOMA IN ADDITIONAL MISC TISSUES

Animal Note: MORIBUND COND DUE TO MAL LYMPHOMA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye [Inflammation TGLS = 1-9]	Cornea	Inflammation	Moderate
Harderian Gland [Adenoma TGLS = 2-10]		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 3-8]		Hepatocellular Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Salivary Glands
* Stomach, Glandular

* Adrenal Medulla
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Nose
* Skin
* Thymus

* Bone
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Trachea

* Bone Marrow
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

OBSERVATIONS

* Lung
* Ovary
* Pituitary Gland
* Thyroid Gland

* Uterus
[Hyperplasia TGLS = 1-6]

Pleura

Pars Distalis
Follicular Cel
Follicular Cel

Infiltration Cellular
Cyst
Hyperplasia
Adenoma
Hyperplasia
Hyperplasia

Lymphocyte, Mild

Mild

Minimal
Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Bone
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Skin
* Thymus

OBSERVATIONS

* Adrenal Medulla
* Bone Marrow
* Kidney
* Liver
* Ovary
[Cystadenoma TGLS = 1-6]
* Uterus
[Hyperplasia TGLS = 2-6]

Hyperplasia
Myelofibrosis
Nephropathy
Eosinophilic Focus
Cystadenoma

Hyperplasia

Mild
Minimal
Minimal

Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901173
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Lymph Node, Mesenteric			
OBSERVATIONS			
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
[Angiectasis TGLS = 2-1]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus

* Bone Marrow
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

OBSERVATIONS

* Kidney
* Lung
* Uterus
[Hyperplasia TGLS = 1-6]

Alveolar Epith

Nephropathy
Hyperplasia
Hyperplasia

Minimal
Mild
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 3-1]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-2]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-8]			
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901176
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow	Myelofibrosis	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4-8+9]		
[Hepatocellular Carcinoma TGLS = 1,2-10+1]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Erosion	Moderate
[Erosion TGLS = 5-11]		
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: HYPERPLASTIC COLLAR AROUND EROSION IN TGL-5

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901178
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Bone Marrow		Myelofibrosis	Minimal
		Plasma Cell Tumor Malignant	Metastatic (Spleen)
* Heart		Plasma Cell Tumor Malignant	Metastatic (Spleen)
* Kidney		Plasma Cell Tumor Malignant	Metastatic (Spleen)
* Liver		Angiectasis	Marked
		Hepatocellular Adenoma	Multiple
		Plasma Cell Tumor Malignant	Metastatic (Spleen)
[Angiectasis TGLS = 6-9]			
[Hepatocellular Adenoma TGLS = 5,7-9+1]			
* Lung		Plasma Cell Tumor Malignant	Metastatic (Spleen)
* Lymph Node, Mandibular		Plasma Cell Tumor Malignant	Metastatic (Spleen)
* Lymph Node, Mesenteric		Plasma Cell Tumor Malignant	Metastatic (Spleen)
Mesentery	Fat	Necrosis	Minimal
* Ovary		Cyst	
[Cyst TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Spleen		Plasma Cell Tumor Malignant	
[Plasma Cell Tumor Malignant TGLS = 4-8]			
* Thymus		Plasma Cell Tumor Malignant	Metastatic (Spleen)
* Uterus		Angiectasis	Marked
[Angiectasis TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901178
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 279

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 3-9]			
Lymph Node	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 4-10]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Brain			
Note: VENTRAL COMPRESSION DUE TO PIT TUMOR			
* Gallbladder		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-1+8]			
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Histiocytic Sarcoma	
[Eosinophilic Focus TGLS = 11-10]			
[Hepatocellular Adenoma TGLS = 6-1]			
[Hepatocellular Carcinoma TGLS = 7-1]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Lumbar	Histiocytic Sarcoma	
	Mediastinal	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-13,9-12]			
[Histiocytic Sarcoma TGLS = 5-13,9-12]			
* Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-13,9-12]			
* Lymph Node, Mesenteric		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901180
ORGAN AND ACCOUNTABLE SITE STATUS			
[Histiocytic Sarcoma TGLS = 5-13,9-12]			
Mesentery	Fat	Histiocytic Sarcoma Necrosis	Marked
Note: HISTIO SARC OF MANY SEROSAL SURFACES			
[Histiocytic Sarcoma TGLS = 4-11]			
[Necrosis TGLS = 4-11]			
* Ovary		Cyst Histiocytic Sarcoma	
[Cyst TGLS = 2-6]			
* Pancreas		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-9]			
* Thymus		Depletion Lymphoid	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 677 HISTO: 8901181
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		
MISSING			
Harderian Gland	* Thymus		
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6+9]			
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND COND DUE TO HEPATO CARC			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 282

TRT#: 2

SEX: Female

DAY ON TEST: 428

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 8901182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Skin
* Trachea

* Adrenal Medulla
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

* Bone
Harderian Gland
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Pituitary Gland
* Stomach, Glandular
* Uterus

* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Salivary Glands
* Thyroid Gland

OBSERVATIONS

* Bone Marrow
* Heart
* Liver

Myeloid Cell

Hyperplasia
Inflammation
Hematopoietic Cell Proliferation
Necrosis

Marked
Chronic Active, Minimal
Minimal
Minimal

Note: SINUSOIDAL GRANULOCYTOSIS

Lymph Node
Mesentery

Mediastinal

Necrosis
Inflammation
Inflammation

Moderate
Suppurative, Moderate
Suppurative, Marked

* Ovary

[Inflammation TGLS = 2-8]

* Pancreas

Note: INTERLOBULAR SUPPURATIVE INFLAMMATION NOTED

* Spleen

[Hematopoietic Cell Proliferation TGLS = 1-1]

Hematopoietic Cell Proliferation

Moderate

* Thymus

Hyperplasia

Lymphoid, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: COD: OVARIAN ABSCESS/PERITONITIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 2

SEX: Female

DAY ON TEST: 674

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Harderian Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Brain	Neuron	Necrosis	Minimal
* Intestine Small, Duodenum		Erosion	Moderate
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Eosinophilic Focus	
		Fatty Change	Mild
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
[Fatty Change TGLS = 1-1+2+8+9]			
[Hemangiosarcoma TGLS = 2-9]			
[Hepatocellular Adenoma TGLS = 3-8]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-4]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thymus		Depletion Lymphoid	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO INTESTINAL ULCER

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901184
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
Harderian Gland			
OBSERVATIONS			
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
Note: GRANULOMATOUS INFLAM TO SMALL AREA OF NECROTIC FAT			
[Necrosis TGLS = 1-8]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901185
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-8]			
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 286

TRT#: 2

SEX: Female

DAY ON TEST: 632

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-1]			
* Liver		Necrosis	Mild
Note: HEPATOCELLULAR FATTY DEGENERATION NOTED			
[Necrosis TGLS = 3-1]			
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-1+4+8]			
* Ovary		Cyst	
* Pancreas		Atrophy	Moderate
* Spleen		Depletion Lymphoid	Moderate
* Thymus		Depletion Lymphoid	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO PANCREATIC ATROPHY

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	TRT#: 2	SEX: Female	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901188
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Pituitary Gl			
Note: MINUTE SECTION PRESENT.			
* Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 3,4-2+8]			
* Lymph Node, Mandibular		Hemangioma	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-1]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	TRT#: 2	SEX: Female	DAY ON TEST: 733
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901190
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
Harderian Gland			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
* Bone Marrow		Myelofibrosis	Mild
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-8]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	SOA-No Mass	Acanthosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	TRT#: 2	SEX: Female	DAY ON TEST: 698
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901191
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mesenteric			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Harderian Gland		Carcinoma	
* Ovary		Cyst	
[Cyst TGLS = 2-6]			
* Skin	SOA-No Mass	Acanthosis	Minimal
	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH -			
Animal Note: MORIBUND COND DUE TO FIBROSARC			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 292

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Mammary Gland
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lung
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mandibular
* Pancreas
* Skin
* Thymus

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Lymph Node, Mesenteric
* Parathyroid Gland
* Spleen
* Thyroid Gland

OBSERVATIONS

* Ovary
* Uterus

Cyst
Hyperplasia

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901193
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Nose	* Ovary	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
MISSING			
* Parathyroid Gland	* Thymus		
OBSERVATIONS			
* Brain			
Note: COMPRESSION DUE TO PIT TUMOR			
* Intestine Large, Cecum		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 7-12]			
* Kidney		Nephropathy	Mild
* Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Mediastinal	Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3,4,5-9+10+11]			
* Lymph Node, Mandibular		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3,4,5-9+10+11]			
* Lymph Node, Mesenteric		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3,4,5-9+10+11]			
* Mammary Gland		Hyperplasia	Moderate
* Pancreas		Lymphoma Malignant Undifferentiated Cell Type	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Spleen		Lymphoma Malignant Undifferentiated Cell Type	
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-13]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901193
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 294

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Developmental Malformation	
[Developmental Malformation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 2-7]			
* Skin	SOA-No Mass, Subcut Tiss	Hemangioma	
[Hemangioma TGLS = 3-9]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295

TRT#: 2

SEX: Female

DAY ON TEST: 568

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Heart
* Intestine Small, Duodenum
* Lung
* Parathyroid Gland
* Stomach, Glandular
* Urinary Bladder

* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Mammary Gland
* Salivary Glands
* Thymus

* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Skin
* Thyroid Gland

* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Pancreas
* Stomach, Forestomach
* Trachea

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Cortex
* Bone
* Bone Marrow
* Kidney
 [Histiocytic Sarcoma TGLS = 4-1]
* Liver
 [Histiocytic Sarcoma TGLS = 2-1+2]
 [Necrosis TGLS = 2-1+2]
* Lymph Node, Mandibular
* Lymph Node, Mesenteric
* Ovary
 [Cyst TGLS = 3-6]
* Pituitary Gland
* Spleen
 [Histiocytic Sarcoma TGLS = 1-8]
* Uterus

Histiocytic Sarcoma
Osteopetrosis
Histiocytic Sarcoma
Histiocytic Sarcoma

Histiocytic Sarcoma
Necrosis

Histiocytic Sarcoma
Histiocytic Sarcoma
Cyst
Histiocytic Sarcoma

Histiocytic Sarcoma
Histiocytic Sarcoma

Histiocytic Sarcoma

Moderate

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 295	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 568 HISTO: 8901195
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ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND COND DUE TO HISTIO SARC
Animal Note: MUCOSA STAINED BY PIGMENT OVERLYING TERMINAL EROSION

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 296

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 4,5-1+8]			
[Hepatocellular Carcinoma TGLS = 6-9]			
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-7]			
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 297	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901197
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland [Adenoma TGLS = 2-7]	Pars Distalis	Adenoma	
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 2

SEX: Female

DAY ON TEST: 456

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thymus

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Thyroid Gland

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

OBSERVATIONS

* Kidney
* Liver
[Hepatocellular Adenoma TGLS = 1-8]
* Pituitary Gland
* Uterus

Pars Distalis

Nephropathy
Hepatocellular Adenoma

Hyperplasia
Hyperplasia

Minimal

Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Gallbladder		Lymphoma Malignant Mixed	
* Kidney		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 8-1]			
* Liver		Fibrosis	Marked
[Fibrosis TGLS = 11-12]			
[Lymphoma Malignant Mixed TGLS = 12,13-1]			
* Lung		Lymphoma Malignant Mixed	
Lymph Node	Axillary	Lymphoma Malignant Mixed	
	Inguinal	Lymphoma Malignant Mixed	
	Mediastinal	Lymphoma Malignant Mixed	
	Renal	Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,7-8+9+7+7+13+11]			
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,7-8+9+7+7+13+11]			
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,7-8+9+7+7+13+11]			
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,7-8+9+7+7+13+11]			
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,7-8+9+7+7+13+11]			
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,7-8+9+7+7+13+11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 733 HISTO: 8901199
ORGAN AND ACCOUNTABLE SITE STATUS			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-7]			
* Salivary Glands		Lymphoma Malignant Mixed	
* Spleen		Hematopoietic Cell Proliferation	Minimal
[Lymphoma Malignant Mixed TGLS = 1-10]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
[Hyperplasia TGLS = 9-2]			
* Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH -			
Animal Note: AMYLOID, PLASMA CELLS ALSO PRESENT IN VARIOUS TISSUES			
Animal Note: FOCUS OF ALTERED CORTICAL CELLS NOTED			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300

TRT#: 2

SEX: Female

DAY ON TEST: 719

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-1]			
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-1+2]			
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Cyst	
[Cyst TGLS = 3-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Histiocytic Sarcoma	
		Hyperplasia	Cystic, Mild
[Histiocytic Sarcoma TGLS = 1-6+8]			
[Hyperplasia TGLS = 2-6+9]			

PRIMARY CAUSE OF DEATH

-

Animal Note: HISTIO SARC IN BLOOD VESSELS, MISC TISSUES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300	TRT#: 2	SEX: Female	DAY ON TEST: 719
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901200

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND COND DUE TO HISTIO SARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 301	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901442

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 303	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901443
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: .15 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901444

OBSERVATIONS

* Skin

SOA-No Mass

Inflammation

Chronic Active, Minimal

Note: PRESUMED HYPERKERATOTIC AREA OUT OF PLANE OF SECTION

[Inflammation TGLS = 2-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901445

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 306	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901446
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 307	TRT#: 4	SEX: Female	DAY ON TEST: 656
	DOSE: .15 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901447
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Mild
Note: ESCHAR IN SECTION SUGGESTS ULCER OUT OF PLANE OF SECTION			
[Acanthosis TGLS = 7-9]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 308	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901448
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 309	TRT#: 4	SEX: Female	DAY ON TEST: 596
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901449
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 310	TRT#: 4	SEX: Female	DAY ON TEST: 635
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901450
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 311	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901451
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 312	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901452
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 313	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901453
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 314	TRT#: 4	SEX: Female	DAY ON TEST: 565
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901454
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 315	TRT#: 4	SEX: Female	DAY ON TEST: 456
	DOSE: .15 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901455
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 316	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901456
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 317	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901457
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 318	TRT#: 4	SEX: Female	DAY ON TEST: 456
	DOSE: .15 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901458
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
OBSERVATIONS			
* Skin			
Note: FOCAL CHRONIC INFLAM NOTED (INGUINAL SKIN).			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 319	TRT#: 4 DOSE: .15 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901459
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 320	TRT#: 4	SEX: Female	DAY ON TEST: 372
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901460
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 321	TRT#: 4	SEX: Female	DAY ON TEST: 699
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901461
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 323	TRT#: 4	SEX: Female	DAY ON TEST: 512
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 324	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901464
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 325	TRT#: 4 DOSE: .15 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901465
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 326	TRT#: 4	SEX: Female	DAY ON TEST: 456
	DOSE: .15 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901466
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 327	TRT#: 4	SEX: Female	DAY ON TEST: 715
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901467
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 328	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901468
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 329	TRT#: 4 DOSE: .15 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 583 HISTO: 8901469
OBSERVATIONS * Skin	SOA-No Mass	Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 330	TRT#: 4	SEX: Female	DAY ON TEST: 518
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901470
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331	TRT#: 4 DOSE: .15 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901471
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 332	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901472
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 333	TRT#: 4 DOSE: .15 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901473
OBSERVATIONS			
* Skin	Inguinal	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 334	TRT#: 4	SEX: Female	DAY ON TEST: 701
	DOSE: .15 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL	
* Skin	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 335	TRT#: 4	SEX: Female	DAY ON TEST: 456
	DOSE: .15 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901475
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 336	TRT#: 4	SEX: Female	DAY ON TEST: 597
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901476
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 337	TRT#: 4	SEX: Female	DAY ON TEST: 456
	DOSE: .15 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901477
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 338	TRT#: 4 DOSE: .15 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 308 HISTO: 8901478
OBSERVATIONS * Skin	Inguinal SOA-No Mass	Lymphoma Malignant Lymphocytic Lymphoma Malignant Lymphocytic	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 339	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901479
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 340	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901480
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 341	TRT#: 4	SEX: Female	DAY ON TEST: 543
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901481

ORGAN AND ACCOUNTABLE SITE STATUS

AUTO PRECLUDES DIAG.

* Skin

OBSERVATIONS

* Skin

Note: Autolysis located in SOA-NO MASS.
Note: AUTOLYSIS MAY HAVE OBSCURRED MINOR LESIONS

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 342	TRT#: 4 DOSE: .15 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901482
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 343

TRT#: 4

SEX: Female

DAY ON TEST: 456

DOSE: .15 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 344	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901484
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 345	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901485
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 346	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901486
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 347	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901487
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 348	TRT#: 4 DOSE: .15 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 732 HISTO: 8901488
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 349	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901489
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901490
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901491

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 352	TRT#: 4	SEX: Female	DAY ON TEST: 268
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901492
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901493
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 354	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901494
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355

TRT#: 4

SEX: Female

DAY ON TEST: 613

DOSE: .15 MG/KG

DISP: Natural Death

HISTO: 8901495

OBSERVATIONS

* Skin

SOA-No Mass

Acanthosis

Mild

Note: SOANM LESION APPARENT HEALING CLIPPER INJURY

[Acanthosis TGLS = 3-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356	TRT#: 4	SEX: Female	DAY ON TEST: 471
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 357	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901497
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 358	TRT#: 4	SEX: Female	DAY ON TEST: 626
	DOSE: .15 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901498
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 359	TRT#: 4	SEX: Female	DAY ON TEST: 732
	DOSE: .15 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901499
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360	TRT#: 4	SEX: Female	DAY ON TEST: 459
	DOSE: .15 MG/KG	DISP: Natural Death	HISTO: 8901500
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 361	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901321
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 362	TRT#: 6 DOSE: 0.5 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 697 HISTO: 8901322
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 363	TRT#: 6	SEX: Female	DAY ON TEST: 568
	DOSE: 0.5 MG/KG	DISP: Natural Death	HISTO: 8901323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 364	TRT#: 6 DOSE: 0.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901324
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901325
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901326

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 367	TRT#: 6 DOSE: 0.5 MG/KG	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901327
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 368	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901328
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 369	TRT#: 6	SEX: Female	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901329
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:22

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 370	TRT#: 6	SEX: Female	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901330
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901331

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 372	TRT#: 6 DOSE: 0.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901332
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 373

TRT#: 6

SEX: Female

DAY ON TEST: 456

DOSE: 0.5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Skin

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:22
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 374	TRT#: 6	SEX: Female	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901334
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:23

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 375	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901335
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:23

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 377	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901337
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 378	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901338
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 379	TRT#: 6 DOSE: 0.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901339
OBSERVATIONS * Skin	Inguinal	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 380	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901340
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 381	TRT#: 6	SEX: Female	DAY ON TEST: 591
	DOSE: 0.5 MG/KG	DISP: Natural Death	HISTO: 8901341
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:23

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 384	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901344
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385	TRT#: 6 DOSE: 0.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901345
OBSERVATIONS * Skin	SOA-No Mass	Acanthosis	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:23

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 386	TRT#: 6	SEX: Female	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901346
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:23

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 387	TRT#: 6	SEX: Female	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901347
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 394	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901354
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 395	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901355
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901356

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Species/Strain: Mouse/B6C3F1

CAS Number: 121-54-0

Lab: BAT

HISTO: 8901357

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin

PRIMARY CAUSE OF DEATH

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 398	TRT#: 6	SEX: Female	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901358
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 399	TRT#: 6	SEX: Female	DAY ON TEST: 690
	DOSE: 0.5 MG/KG	DISP: Natural Death	HISTO: 8901359
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 400	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901360
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 401	TRT#: 6	SEX: Female	DAY ON TEST: 704
	DOSE: 0.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:23

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 403	TRT#: 6	SEX: Female	DAY ON TEST: 717
	DOSE: 0.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901363
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 404	TRT#: 6 DOSE: 0.5 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 591 HISTO: 8901364
OBSERVATIONS			
* Skin	SOA-No Mass Subcut Tiss SOA-No Mass	Acanthosis Hemangiosarcoma Ulcer	Marked Moderate
[Acanthosis TGLS = 7-12] [Hemangiosarcoma TGLS = 6-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:23

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 405	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901365
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 408	TRT#: 6	SEX: Female	DAY ON TEST: 648
	DOSE: 0.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL	
* Skin	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 409	TRT#: 6	SEX: Female	DAY ON TEST: 456
	DOSE: 0.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 410	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL
* Skin

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 411	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901371
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:23

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 412	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901372
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:23

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 413	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901373
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 414	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901374
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 415	TRT#: 6 DOSE: 0.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 8901375
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 416	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901376
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 417	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 0.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901377
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 418	TRT#: 6	SEX: Female	DAY ON TEST: 621
	DOSE: 0.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901378
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 419	TRT#: 6 DOSE: 0.5 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 712 HISTO: 8901379
OBSERVATIONS * Skin [Hyperplasia TGLS = 8-13]	SOA-No Mass SOA-No Mass, Sebaceous Gl SOA-No Mass	Acanthosis Hyperplasia Ulcer	Marked Moderate Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 420	TRT#: 6	SEX: Female	DAY ON TEST: 674
	DOSE: 0.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901380
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Skin			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 421

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 422

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocholangiocarcinoma	Multiple
Note: HEPATOCHOLCARC IN ADDITIONAL LIVER LOBES [Hepatocholangiocarcinoma TGLS = 2-8,5-10]			
* Lung		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 3-9]			
Lymph Node	Pancreatic	Hepatocholangiocarcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery		Hepatocholangiocarcinoma	Metastatic (Liver)
[Hepatocholangiocarcinoma TGLS = 5-10]			
* Pancreas			
Note: INVASION OF PANCREAS BY HEPATOCHOLCARC			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 423

TRT#: 8

DOSE: 1.5 MG/KG

SEX: Female

DISP: Moribund Sacrifice

DAY ON TEST: 612

HISTO: 8901203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

OBSERVATIONS

* Heart		Lymphoma Malignant Mixed	
* Kidney		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 2-1]			
* Liver		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 1-1+2]			
* Lung		Lymphoma Malignant Mixed	
* Lymph Node, Mandibular		Lymphoma Malignant Mixed	
* Lymph Node, Mesenteric		Lymphoma Malignant Mixed	
* Ovary		Lymphoma Malignant Mixed	
* Pancreas		Lymphoma Malignant Mixed	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skeletal Muscle		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 5-9]			
* Skin	Inguinal	Lymphoma Malignant Mixed	
	SOA-No Mass	Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
[Lymphoma Malignant Mixed TGLS = 3-8]			
* Thymus		Lymphoma Malignant Mixed	
* Thyroid Gland		Lymphoma Malignant Mixed	
* Urinary Bladder		Lymphoma Malignant Mixed	
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO MAL LYMPH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 423	TRT#: 8	SEX: Female	DAY ON TEST: 612
	DOSE: 1.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901203

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MAL LYMPH IN ADDITIONAL MISC TISSUES

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 8901204
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Lymph Node, Mesenteric			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 425	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901205
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 4-8]			
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Spleen		Hyperplasia	Macrophage, Minimal
Note: CONGESTION CONTRIBUTES TO TGL-3			
[Hyperplasia TGLS = 3-1+9]			
* Thymus		Hyperplasia	Lymphoid, Moderate
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-6]			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 426	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901206
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
Harderian Gland	* Lymph Node, Mesenteric	* Thymus	
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-9]			
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	SOA-No Mass	Acanthosis	Minimal
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	TRT#: 8	SEX: Female	DAY ON TEST: 120
	DOSE: 1.5 MG/KG	DISP: Natural Death	HISTO: 8901207
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Kidney		Glomerulosclerosis	Marked
[Glomerulosclerosis TGLS = 2-1]			
* Stomach, Glandular		Mineralization	Mild
* Thymus		Depletion Lymphoid	Marked
PRIMARY CAUSE OF DEATH -			
Animal Note: COD: GLOMERULOSCLEROSIS/UREMIA			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901208
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
Harderian Gland			
OBSERVATIONS			
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLS = 2,3,4-9+2+1+8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-10]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Stomach, Forestomach		Hyperplasia	Mild
[Hyperplasia TGLS = 5-4]			
* Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MULTIFOCAL MUCOSAL HYPERPLASIA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 429	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 316 HISTO: 8901209
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL * Adrenal Cortex * Kidney * Trachea	* Adrenal Medulla * Lymph Node, Mandibular	* Esophagus * Salivary Glands	* Heart * Thyroid Gland
MISSING * Bone * Intestine Large, Cecum * Intestine Small, Ileum * Mammary Gland * Parathyroid Gland * Stomach, Glandular	* Bone Marrow * Intestine Large, Colon * Intestine Small, Jejunum * Nose * Pituitary Gland * Thymus	* Brain * Intestine Large, Rectum * Islets, Pancreatic * Ovary * Spleen * Urinary Bladder	Harderian Gland * Intestine Small, Duodenum * Lymph Node, Mesenteric * Pancreas * Stomach, Forestomach * Uterus
AUTO PRECLUDES DIAG. * Gallbladder	* Skin		
OBSERVATIONS * Liver * Lung * Skin Note: Autolysis located in SOA-NO-MASS.		Hemangioma Hemorrhage	Moderate
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: (PRESUMED) - RUPTURE OF HEPATIC HEMANGIOMA.			
Animal Note: SEVERE AUTOLYSIS, MOST TISSUES DISCARDED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 430

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Stomach, Glandular
* Uterus

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Thymus

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Salivary Glands
* Trachea

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Stomach, Forestomach
* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

Harderian Gland
* Kidney
* Liver

[Hepatocellular Adenoma TGLS = 1-8]

* Pituitary Gland
* Skin
* Spleen
* Thyroid Gland

Pars Distalis
SOA-No Mass
Follicular Cel

Adenoma
Nephropathy
Hepatocellular Adenoma

Minimal

Hyperplasia
Acanthosis
Hematopoietic Cell Proliferation
Hyperplasia

Moderate
Minimal
Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	TRT#: 8	SEX: Female	DAY ON TEST: 485
	DOSE: 1.5 MG/KG	DISP: Natural Death	HISTO: 8901211
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Ovary		Cyst Dermoid	
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: DEATH DUE TO HEPATO CARC			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901212
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mesenteric			
OBSERVATIONS			
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA-No Mass	Acanthosis	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6+8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 433

TRT#: 8

SEX: Female

DAY ON TEST: 690

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Liposarcoma	Metastatic (Skeletal Muscle)
* Intestine Large, Rectum		Liposarcoma	Metastatic (Skeletal Muscle)
* Kidney		Nephropathy	Minimal
* Liver			
Note: MODERATE LYMPHOID INFILTRATES NOTED			
* Lung		Liposarcoma	Metastatic (Skeletal Muscle)
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-8]			
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skeletal Muscle		Liposarcoma	
Note: LIPOSARC OF EITHER SUBCUT OR PERIMUSCULAR FAT			
[Liposarcoma TGLS = 4-10+11+12]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Depletion Lymphoid	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-9]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO LIPOSARC

Animal Note: LIPOSARC HAS FIBRO- AND RHABDOMYOSARC CHARACTERISTICS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 433

TRT#: 8

SEX: Female

DAY ON TEST: 690

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901213

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: INVASION OF RECTAL SEROSA BY TUMOR OF HIND LIMB

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 434	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901214
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
Harderian Gland	* Thymus		
OBSERVATIONS			
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Intestine Small, Ileum		Inflammation	Acute, Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-1]			
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Marked
* Ovary		Cyst	
[Cyst TGLS = 3-6]			
* Pancreas		Atypia Cellular	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-8]			
* Stomach, Glandular		Inflammation	Acute, Mild
* Uterus		Hyperplasia	Cystic, Marked
Note: PMNS NOTED IN UTERINE HORN; PYOMETRA POSSIBLE			
[Hyperplasia TGLS = 2-6+9]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 435

TRT#: 8

SEX: Female

DAY ON TEST: 698

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

Harderian Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Bone			
Note: META HEMANGIOSARC IN SP CORD DESTROYED ASS'D VERTEBRA			
* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	
[Cyst TGLS = 4-6]			
Peripheral Nerve		Degeneration	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Skin	SOA-No Mass	Acanthosis	Minimal
[Acanthosis TGLS = 5-12]			
Spinal Cord		Hemangiosarcoma	Metastatic (Spleen)
[Hemangiosarcoma TGLS = 3-11]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Mild
[Hemangiosarcoma TGLS = 1-13]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-14]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Benzethonium chloride

CAS Number: 121-54-0

Date Report Requested: 10/20/2014

Time Report Requested: 13:25:23

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 435	TRT#: 8	SEX: Female	DAY ON TEST: 698
	DOSE: 1.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901215

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: PARALYSIS/MORIBUND COND DUE TO HEMANGIOSARC IN SP CORD

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 436

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thymus		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901217
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Carcinoma	
		Hyperplasia	Cystic, Minimal
Note: CARC WITHIN POLYP			
[Carcinoma TGLS = 1-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	TRT#: 8	SEX: Female	DAY ON TEST: 689
	DOSE: 1.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901218
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Thymus			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 3,4,5,6-9+10+11+12]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Mild
* Ovary		Cyst	
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pancreas	Duct	Cyst	
		Inflammation	Chronic Active, Marked
[Cyst TGLS = 7-8]			
[Inflammation TGLS = 7-8+4]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-1]			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND COND DUE TO HEPATO CARC			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 439

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Stomach, Forestomach
* Urinary Bladder

* Adrenal Medulla
* Gallbladder
* Intestine Large, Colon
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Stomach, Glandular

* Bone
Harderian Gland
* Intestine Small, Duodenum
* Lung
* Nose
* Salivary Glands
* Thymus

* Brain
* Heart
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Spleen
* Trachea

OBSERVATIONS

* Bone Marrow
* Intestine Large, Rectum
* Kidney
* Liver
[Eosinophilic Focus TGLS = 2-8]
* Pituitary Gland
* Skin
* Thyroid Gland
* Uterus
[Hyperplasia TGLS = 1-9]

Artery

Pars Distalis
SOA-No Mass
Follicular Cel

Myelofibrosis
Inflammation
Nephropathy
Eosinophilic Focus

Hyperplasia
Acanthosis
Adenoma
Hyperplasia

Mild
Chronic Active, Mild
Minimal

Minimal
Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 440

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 2-2+8]			
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 441

TRT#: 8

SEX: Female

DAY ON TEST: 520

DOSE: 1.5 MG/KG

DISP: Natural Death

HISTO: 8901221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Liver		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-1+2]			
Mesentery		Inflammation	Suppurative, Marked
* Ovary		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-9]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-8]			
* Thymus		Depletion Lymphoid	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: GENERALIZED LEUKOCYTOSIS

Animal Note: DEATH DUE TO OVARIAN ABSCESS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 442

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Thymus

* Bone
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Salivary Glands
* Thyroid Gland

* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Stomach, Forestomach
* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow
* Kidney
* Liver
Note: MULTIPLE FOCI
* Ovary
* Skin
* Spleen
* Uterus

SOA-No Mass

Myelofibrosis
Nephropathy
Eosinophilic Focus

Cyst
Acanthosis
Hematopoietic Cell Proliferation
Hyperplasia

Minimal
Minimal

Minimal
Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 443

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLS = 3-8]		
	[Hepatocellular Adenoma TGLS = 2-2]		
	[Hepatocellular Carcinoma TGLS = 1-1]		
* Lung		Alveolar/Bronchiolar Adenoma	
Note: FOCUS OF HEMORRHAGE NOTED			
	[Alveolar/Bronchiolar Adenoma TGLS = 5-2]		
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLS = 4-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 444

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 2,3,5,6-2+8+10+9]			
[Hepatocellular Carcinoma TGLS = 4-1+10]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 445

TRT#: 8

SEX: Female

DAY ON TEST: 691

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Islets, Pancreatic	* Pituitary Gland
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OBSERVATIONS

* Liver		Angiectasis	Moderate
* Ovary		Hemangioma	
[Hemangioma TGLS = 2-6]			
* Skin	SOA-No Mass	Acanthosis	Moderate
	SOA-Mass, Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 4-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-1]			
* Thymus		Hyperplasia	Lymphoid, Mild
* Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 3-9]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO FIBROSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 446	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901226
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		
MISSING			
Harderian Gland			
OBSERVATIONS			
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
Note: TGL-2 PRESUMED TO BE DEFORMITY, NOT FOCUS OR MASS [Hepatocellular Adenoma TGLS = 3-9]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 447	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901227
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
Harderian Gland			
OBSERVATIONS			
* Bone Marrow		Myelofibrosis	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 2,3,4-8+2+1]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 5-9]			
* Ovary			
Note: ONLY ONE OVARY IN PLANE OF SECTION			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]			
PRIMARY CAUSE OF DEATH -			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 448

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 1.5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Thymus

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Thyroid Gland

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Pituitary Gland
* Stomach, Glandular
* Urinary Bladder

OBSERVATIONS

* Kidney
* Lung
* Skin
* Uterus

Alveolar Epith
SOA-No Mass

Nephropathy
Hyperplasia
Acanthosis
Hyperplasia

Minimal
Moderate
Mild
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 449

TRT#: 8

SEX: Female

DAY ON TEST: 479

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain	Neuron	Necrosis	Minimal
Clitoral Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 1-7]			
* Kidney		Nephropathy	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-2]			
Peripheral Nerve		Degeneration	Mild
* Skin	SOA-No Mass	Acanthosis	Minimal
[Acanthosis TGLS = 3-7+11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND SAC DUE TO TREMORS; TREMORS DUE TO NEUR NECROSIS

Animal Note: CAUSE OF NEURONAL NECROSIS UNDETERMINED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 450

TRT#: 8

SEX: Female

DAY ON TEST: 589

DOSE: 1.5 MG/KG

DISP: Natural Death

HISTO: 8901230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-9]			
* Pancreas		Atrophy	Minimal
Skeletal Muscle		Hemangiosarcoma	Metastatic (Spleen)
[Hemangiosarcoma TGLS = 4-10]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1,2-8]			
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: DEATH DUE TO HEMANGIOSARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 451

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Harderian Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Ovary		Cyst	
		Cystadenoma	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 452

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

* Bone
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Salivary Glands
* Stomach, Glandular
* Uterus

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Skin
* Thymus

* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Trachea

OBSERVATIONS

* Adrenal Medulla
* Brain
* Kidney
* Liver
* Ovary
* Pituitary Gland
* Thyroid Gland

Pars Distalis
Follicular Cel

Hyperplasia
Hydrocephalus
Nephropathy
Eosinophilic Focus
Cyst
Hyperplasia
Hyperplasia

Marked
Mild
Minimal

Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 453

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Salivary Glands
* Stomach, Glandular

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Skin
* Thyroid Gland

* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Trachea

MISSING

Harderian Gland

* Thymus

OBSERVATIONS

* Adrenal Cortex

Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.

* Kidney

* Liver

[Hepatocellular Adenoma TGLS = 2-8]

* Ovary

* Pituitary Gland

* Uterus

[Hyperplasia TGLS = 1-6]

Accessory Adrenal Cortical Nodule

Nephropathy

Hepatocellular Adenoma

Minimal

Hyperplasia

Hyperplasia

Hyperplasia

Moderate

Minimal

Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 454

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-2]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	SOA-No Mass	Acanthosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 455	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901235
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
Eye			
Note: EYE WITHIN NORMAL LIMITS; CONJUNCTIVAL INFLAM NOTED			
Harderian Gland		Adenoma	
[Adenoma TGLS = 2-9]			
* Kidney		Nephropathy	Minimal
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 456

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Skin
* Thymus

MISSING

Harderian Gland

OBSERVATIONS

* Kidney
* Liver

Nephropathy
Eosinophilic Focus
Hepatocellular Adenoma
Hepatocellular Carcinoma

Minimal

[Hepatocellular Adenoma TGLS = 3-1]
[Hepatocellular Carcinoma TGLS = 4-8]

* Ovary
[Cyst TGLS = 2-6]

Cyst

* Pancreas
* Uterus

Atrophy
Hyperplasia

Minimal
Cystic, Mild

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 457

TRT#: 8

DOSE: 1.5 MG/KG

SEX: Female

DISP: Terminal Sacrifice

DAY ON TEST: 729

HISTO: 8901237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Ovary
* Salivary Glands
* Thyroid Gland

* Adrenal Medulla
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Skin
* Trachea

* Bone
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

* Bone Marrow
* Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Pituitary Gland
* Stomach, Glandular
* Uterus

OBSERVATIONS

* Liver
[Lymphoma Malignant Mixed TGLS = 7-12]
Lymph Node
Inguinal
Mediastinal
Pancreatic
Renal
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,8-10+14+11+13+7+3+9]
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,8-10+14+11+13+7+3+9]
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,8-10+14+11+13+7+3+9]
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,8-10+14+11+13+7+3+9]
* Lymph Node, Mandibular
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,8-10+14+11+13+7+3+9]
* Lymph Node, Mesenteric
[Lymphoma Malignant Mixed TGLS = 2,3,4,5,6,8-10+14+11+13+7+3+9]
* Spleen
[Lymphoma Malignant Mixed TGLS = 1-8]
* Thymus

Lymphoma Malignant Mixed

Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed
Lymphoma Malignant Mixed

Lymphoma Malignant Mixed

Lymphoma Malignant Mixed

Hematopoietic Cell Proliferation
Lymphoma Malignant Mixed

Lymphoma Malignant Mixed

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: ADDITIONAL NODES/SLIDES WITH MALIG LYMPH MIXED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 458

TRT#: 8

SEX: Female

DAY ON TEST: 720

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain			
Note: MARKED VENTRAL COMPRESSION DUE TO PIT TUMOR			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO PIT TUMOR

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901239
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
MISSING			
* Thymus			
OBSERVATIONS			
* Liver		Clear Cell Focus	
* Skin	SOA-No Mass	Acanthosis	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 460

TRT#: 8

SEX: Female

DAY ON TEST: 428

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Heart
* Intestine Small, Duodenum
* Kidney
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Mammary Gland
* Pituitary Gland
* Stomach, Glandular
* Urinary Bladder

* Bone
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lung
* Nose
* Salivary Glands
* Thymus
* Uterus

* Bone Marrow
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mandibular
* Ovary
* Spleen
* Thyroid Gland

OBSERVATIONS

* Ovary
Note: 1 OVARY PRESENT FOR EXAM.
* Pancreas
[Cyst TGLS = 1-4+8]
* Skin

Duct

SOA-No Mass

Cyst

Acanthosis

Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO PANCREATIC CYST

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 461	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 647 HISTO: 8901241
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
Harderian Gland			
OBSERVATIONS			
* Bone Marrow		Lymphoma Malignant Lymphocytic	
* Heart		Lymphoma Malignant Lymphocytic	
Note: LYMPHOMA IN PERICARDIUM			
[Lymphoma Malignant Lymphocytic TGLS = 5-8]			
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Lymphoma Malignant Lymphocytic	
* Lung		Lymphoma Malignant Lymphocytic	
* Lymph Node, Mandibular		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
		Lymphoma Malignant Lymphocytic	
[Hyperplasia TGLS = 6-7]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 2-10]			
* Thymus		Lymphoma Malignant Lymphocytic	
[Lymphoma Malignant Lymphocytic TGLS = 4-9]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 462	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 698 HISTO: 8901242
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
Harderian Gland	* Pituitary Gland		
OBSERVATIONS			
Blood		Leukemia Lymphocytic	
Note: MALIGNANT LYMPHOCYTOSIS IN ESSENTIALLY ALL ORGANS			
* Liver	Hepatocyte	Hyperplasia	Mild
[Leukemia Lymphocytic TGLS = 3-1]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Leukemia Lymphocytic	
[Leukemia Lymphocytic TGLS = 1-8]			
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-9]			
PRIMARY CAUSE OF DEATH -			
Animal Note: DEATH DUE TO LYMPHOCYTIC LEUKEMIA			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 463	TRT#: 8	SEX: Female	DAY ON TEST: 456
	DOSE: 1.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901243
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Pituitary Gland			
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 464

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 1.5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
* Ovary		Cyst	
[Cyst TGLS = 1-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 465	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901245
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			
MISSING			
Harderian Gland			
OBSERVATIONS			
* Ovary			
Note: ONLY 1 OVARY IN PLANE OF SECTION			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Marked
[Hyperplasia TGLS = 1-2]			
* Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: VACUOLIZATION OF X-ZONE			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 466	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 8901246
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mesenteric	* Thymus		
OBSERVATIONS			
Eye [Inflammation TGLS = 4-8]	Cornea	Inflammation	Minimal
Harderian Gland [Carcinoma TGLS = 5-9]		Carcinoma	
* Kidney		Nephropathy	Minimal
* Liver [Hepatocellular Adenoma TGLS = 2,3-10]		Eosinophilic Focus Hepatocellular Adenoma	Multiple
* Lung Note: PIGMENT-LADEN MACROPHAGES	Alveolus	Pigmentation	Hemosiderin, Minimal
Mesentery [Necrosis TGLS = 1-11]	Fat	Necrosis	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 467	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 1.5 MG/KG	DISP: Terminal Sacrifice	HISTO: 8901247
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Lymph Node, Mesenteric			
OBSERVATIONS			
* Liver		Eosinophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-6]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	TRT#: 8	SEX: Female	DAY ON TEST: 456
	DOSE: 1.5 MG/KG	DISP: Scheduled Sacrifice	HISTO: 8901248
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Liver		Basophilic Focus	
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 469

TRT#: 8

SEX: Female

DAY ON TEST: 695

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Harderian Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Moderate
[Basophilic Focus TGLS = 4-2]			
[Eosinophilic Focus TGLS = 5-8]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Marked
Mesentery		Inflammation	Chronic Active, Mild
* Ovary		Cyst	
Note: ONLY 1 OVARY IN PLANE OF SECTION			
[Cyst TGLS = 2-6]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-1]			
* Thymus		Depletion Lymphoid	Marked
* Uterus		Inflammation	Chronic Active, Marked
		Polyp Stromal	
[Inflammation TGLS = 1-6+9]			
[Polyp Stromal TGLS = 1-9]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 469	TRT#: 8	SEX: Female	DAY ON TEST: 695
	DOSE: 1.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901249

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MORIBUND COND DUE TO PYOMETRA
Animal Note: POST-MORTEM EROSION (TGL-6)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 470

TRT#: 8

SEX: Female

DAY ON TEST: 456

DOSE: 1.5 MG/KG

DISP: Scheduled Sacrifice

HISTO: 8901250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

Lymph Node	Pancreatic	Hyperplasia	Mild
* Lymph Node, Mandibular		Hyperplasia	Mild
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hyperplasia	Lymphoid, Minimal
* Thymus		Depletion Lymphoid	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 471

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Esophagus
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thymus

* Adrenal Medulla
* Gallbladder
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Trachea

* Bone
Harderian Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

* Brain
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Salivary Glands
* Stomach, Glandular

OBSERVATIONS

* Bone Marrow
* Kidney
* Liver

Myelofibrosis
Nephropathy
Eosinophilic Focus
Hepatocellular Adenoma

Mild
Minimal

[Hepatocellular Adenoma TGLS = 2-1]

* Pituitary Gland
* Thyroid Gland
* Uterus

Pars Distalis
Follicular Cel

Hyperplasia
Hyperplasia
Hyperplasia

Moderate
Minimal
Cystic, Minimal

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 472

TRT#: 8

SEX: Female

DAY ON TEST: 682

DOSE: 1.5 MG/KG

DISP: Moribund Sacrifice

HISTO: 8901252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

Harderian Gland	* Thymus
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-9]		
* Ovary		
Note: NEITHER OVARY SUBSTANTIALLY REPRESENTED ON SLIDE		
* Pituitary Gland	Pars Distalis	Mild
* Skin	SOA-No Mass	Moderate
* Spleen		Moderate
* Thyroid Gland	Follicular Cel	Minimal
* Uterus		Cystic, Moderate
[Hyperplasia TGLS = 1-6+8]		

PRIMARY CAUSE OF DEATH

-

Animal Note: MORIBUND COND DUE TO HEPATO CARC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 474

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Glandular
* Urinary Bladder

* Bone
* Gallbladder
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Salivary Glands
* Thymus

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Skin
* Thyroid Gland

* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Stomach, Forestomach
* Trachea

MISSING

Harderian Gland

OBSERVATIONS

* Adrenal Medulla
* Kidney
* Liver

[Hepatocellular Adenoma TGLS = 1-2]
[Hepatocellular Carcinoma TGLS = 2-8]

* Ovary
* Pituitary Gland
* Spleen
* Uterus

Interstitialium
Pars Distalis

Hyperplasia
Nephropathy
Hepatocellular Adenoma
Hepatocellular Carcinoma

Angiectasis
Hyperplasia
Hyperplasia
Hematopoietic Cell Proliferation
Hyperplasia

Moderate
Minimal

Mild
Moderate
Minimal
Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 475	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901255
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
		Myelofibrosis	Mild
Harderian Gland		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 2-9]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 4-8]			
* Thymus		Lymphoma Malignant Lymphocytic	
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 476	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 551 HISTO: 8901256
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Pituitary Gland			
OBSERVATIONS			
* Heart		Degeneration	Mild
* Kidney		Nephropathy	Mild
Note: TUBULAR DILATATION; POSS COMPRESSION OF URETERS BY UT MASS [Nephropathy TGLS = 4-1]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-1]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Ovary		Cyst	
Note: ONLY 1 OVARY PRESENT FOR EXAM Note: MINERALIZATION OF PERIOVARIAN TISS [Cyst TGLS = 1-6]			
* Pancreas	Duct	Atrophy Cyst Leiomyosarcoma Leiomyosarcoma	Mild Metastatic (Uterus) Metastatic (Uterus)
Skeletal Muscle		Hematopoietic Cell Proliferation	Mild
* Spleen		Hyperplasia	Cystic, Minimal
* Uterus		Leiomyosarcoma	
Note: TUMOR SITE: CERVIX [Leiomyosarcoma TGLS = 2-8+9]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	TRT#: 8	SEX: Female	DAY ON TEST: 249
	DOSE: 1.5 MG/KG	DISP: Natural Death	HISTO: 8901257
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
Harderian Gland	* Intestine Small, Ileum	* Intestine Small, Jejunum	
OBSERVATIONS			
* Bone Marrow		Lymphoma Malignant Mixed	
* Lung	Alveolus	Pigmentation	Hemosiderin, Minimal
Mesentery		Lymphoma Malignant Mixed	
* Spleen		Lymphoma Malignant Mixed	
* Thymus		Depletion Lymphoid	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD: MALIG LYMPHOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 478

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 1.5 MG/KG

DISP: Terminal Sacrifice

HISTO: 8901258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Eosinophilic Focus TGLS = 6-12]			
[Hepatocellular Adenoma TGLS = 2,3,4-9+10+11]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Ovary		Cyst	
		Cystadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 5-7]			
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
Note: CONGESTION CONTRIBUTES TO TGL-1			
[Hematopoietic Cell Proliferation TGLS = 1-8]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	TRT#: 8	SEX: Female	DAY ON TEST: 698
	DOSE: 1.5 MG/KG	DISP: Moribund Sacrifice	HISTO: 8901259
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Brain	* Esophagus
Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Ovary			
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
* Bone Marrow	Erythroid Cell	Hyperplasia	Mild
* Gallbladder		Ulcer	Marked
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-8]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Skin	SOA-No Mass	Acanthosis	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach		Hyperplasia	Mild
[Hyperplasia TGLS = 2-9]			
* Thymus		Depletion Lymphoid	Mild
* Uterus		Angiectasis	Marked
		Hyperplasia	Cystic, Mild
[Angiectasis TGLS = 3-6]			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: MORIBUND COND DUE TO HEPATO CARC			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05102-06
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Benzethonium chloride
CAS Number: 121-54-0

Date Report Requested: 10/20/2014
Time Report Requested: 13:25:23
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 480	TRT#: 8 DOSE: 1.5 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 8901260
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Bone Marrow		Hemangiosarcoma	Metastatic (Spleen)
Harderian Gland		Hyperplasia	Marked
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-9]			
* Ovary		Cyst	
[Cyst TGLS = 2-6]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-7]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-8]		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE