

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:38
First Dose M/F: NA / NA
Lab: BAT

C Number:	C61621D
Lock Date:	07/29/1992
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	02/08/1994

Experiment Number: 05109-11
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Species/Strain: Rat/F 344/N

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Date Report Requested: 10/21/2014
Time Report Requested: 20:30:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 631 HISTO: 9101041
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* 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
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Mild
* Epididymis		Atrophy	Mild
		Mesothelioma Nos	
* Heart		Cardiomyopathy	Chronic, Mild
Note: DUE TO BLOOD CLOT.CONSIDERED TO BE WNL FOR A NATD.			
Note: TGL#4-7-NCL:ENLARGED RIGHT ATRIUM,NOTED AT TRIM,			
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
		Mesothelioma Nos	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
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Date Report Requested: 10/21/2014
Time Report Requested: 20:30:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 631 HISTO: 9101041
ORGAN AND ACCOUNTABLE SITE STATUS			
[Atrophy TGLS = 2-10]			
Polyarteritis			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:38
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 621 HISTO: 9101042
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
		Gliosis	Moderate
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 621 HISTO: 9101042
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA, Animal Note: PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101043
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
[Nephropathy TGLS = 5-1]		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
[Leukemia Mononuclear TGLS = 4-4]		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland	Duct	Dilatation	Moderate
		Leukemia Mononuclear	
[Dilatation TGLS = 1-10]			
* Skin	Subcut Tiss	Sarcoma	
[Sarcoma TGLS = 6-13+14]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101043
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibrosis TGLS = 7-15]			
[Leukemia Mononuclear TGLS = 3-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 731 HISTO: 9101044
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-7]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	
		Inflammation	Chronic Active, Moderate
		Squamous Cell Carcinoma	
* Pancreas	Acinus	Atrophy	Mild
	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 4	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101044
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 2-1]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 538 HISTO: 9101045
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 5-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-7]			
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Stom Gland			
Note: APPARENT HISTOPATHOLOGICALLY. GLANDULAR STOMACH			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 538 HISTO: 9101045
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ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA.
Animal Note: CONSIDERED TO BE WNL FOR A MILDLY AUTOLYTIC
Animal Note: TGL#6-13-NCL:DARK LESIONS,NOTED AT TRIM,NOT
Animal Note: STOMACH.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101046
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart	Atrium	Cardiomyopathy	Chronic, Minimal
		Thrombosis	
[Thrombosis TGLS = 8-4]			
* Intestine Small, Duodenum		Inflammation	Necrotizing, Marked
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 7-1]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Coagulative, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
		Leukemia Mononuclear	
[Adenoma TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101046
ORGAN AND ACCOUNTABLE SITE STATUS			
* Preputial Gland [Dilatation TGLS = 4-10]	Duct	Dilatation Inflammation	Moderate Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Marked
* Seminal Vesicle		Atrophy	Mild
* Spleen [Fibrosis TGLS = 2-1] [Leukemia Mononuclear TGLS = 1-12] [Necrosis TGLS = 2-1]		Fibrosis Leukemia Mononuclear Necrosis	Moderate Coagulative, Marked
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Mild Necrotizing, Mild
* Stomach, Glandular		Inflammation	Necrotizing, Mild
* Testes [Adenoma TGLS = 6-10]	Bilateral, Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 554 HISTO: 9101047
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
* Brain		Compression	
		Hydrocephalus	Mild
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 4-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 7-14]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 554 HISTO: 9101047
ORGAN AND ACCOUNTABLE SITE STATUS			
[Inflammation TGLS = 5,6-6+12+13]			
* Stomach, Glandular		Erosion Inflammation	Mild Necrotizing, Moderate
[Erosion TGLS = 6-13]			
[Inflammation TGLS = 5,6-6+12+13]			
* Testes	Seminif Tub	Atrophy	Mild
[Atrophy TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: GLD ADENOMA, NECROTIZING GASTRITIS.			
Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY, PITUITARY			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 577 HISTO: 9101048
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
Note: TGL#4-4-NCL:NODULE,NOTED AT NECROPSY,NOT			
Note: APPARENT HISTOPATHOLOGICALLY.			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 5-7]			
* Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
[Dilatation TGLS = 1,2-13]			
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Interstit Cell	Hyperplasia	Minimal
* Urinary Bladder		Dilatation	Marked
[Dilatation TGLS = 3-12]			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 577 HISTO: 9101048
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ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101049
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Epididymis		Mineralization	Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101050
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
		Inflammation	Chronic, Marked
		Inflammation	Proliferative, Marked
[Hyperplasia TGLS = 2-12]			
[Inflammation TGLS = 2-12]			
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal
		Polyarteritis	
* Thyroid Gland	Bilateral, C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 729 HISTO: 9101051
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	
MISSING			
* Esophagus			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Mild
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 729 HISTO: 9101051
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Prostate	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Mild
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: 727 HISTO: 9101052
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney	Cortex	Cyst	
[Cyst TGLS = 4-14]		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Perivascular	Edema	Moderate
		Inflammation	Suppurative, Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
Note: MAMMARY GLD TISSUE IN B12.			
* Pancreas	Artery	Thrombosis	
[Thrombosis TGLS = 3-13]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Mild
* Skin	Subcut Tiss	Fibroma	
	Dermis, SOA-Mass	Fibrosis	Marked
[Fibroma TGLS = 1-12]			
[Fibrosis TGLS = 5-15]			
* Stomach, Glandular		Erosion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 727
	DOSE: 0 MG/KG	DISP: Accidentally Killed	HISTO: 9101052
ORGAN AND ACCOUNTABLE SITE STATUS			
[Erosion TGLS = 6-6]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-10]			
[Hyperplasia TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:ACCIDENTAL-DROWNING.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101053
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* 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
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Congestion	Mild
[Congestion TGLS = 3-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101054
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101055
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone	Maxilla	Abscess	Moderate
	Maxilla	Fibrosis	Marked
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic Active, Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Cystic, Moderate
[Carcinoma TGLS = 2-13]			
[Hyperplasia TGLS = 2-14]			
* Nose		Inflammation	Chronic Active, Moderate
Note: ASSOCIATED WITH HAIR FOREIGN BODY.			
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Mild
* Skin	SOA-No Mass	Acanthosis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101055
ORGAN AND ACCOUNTABLE SITE STATUS			
[Keratoacanthoma TGLS = 1-12]		Keratoacanthoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 670 HISTO: 9101056
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Mild
Eye			
Note: HISTOPATHOLOGICALLY.			
Note: TGL#1-18-NCL:EYES CONSIDERED TO BE WNL			
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 9-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6,8,10,11-2+14+15]			
[Leukemia Mononuclear TGLS = 6,8,10,11-2+14+15]			
[Leukemia Mononuclear TGLS = 6,8,10,11-2+14+15]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6,8,10,11-2+14+15]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 670 HISTO: 9101056
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 6,8,10,11-2+14+15]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 5-17]			
* Nose		Inflammation	Chronic Active, Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Skin	Thoracic	Keratoacanthoma	
[Keratoacanthoma TGLS = 2-16]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12+13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Pituitary Gland
* Skin
* Thymus

* Blood Vessel
* Esophagus
* Intestine Small, Duodenum
* Lung
* Nose
* Prostate
* Spleen
* Thyroid Gland

* Bone
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Epididymis
[Mesothelioma Nos TGLS = 2-11]
* Heart
* Kidney
* Liver
* Preputial Gland
* Testes
[Mesothelioma Nos TGLS = 1-12]

Bile Duct

Interstit Cell

Mesothelioma Nos

Cardiomyopathy
Nephropathy
Hyperplasia
Inflammation
Hyperplasia
Mesothelioma Nos

Chronic, Minimal
Chronic, Mild
Minimal
Chronic Active, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 550 HISTO: 9101058
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart	Atrium	Cardiomyopathy	Chronic, Mild
		Thrombosis	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hepatocellular Adenoma	
		Hyperplasia	Mild
		Leukemia Mononuclear	
		[Hepatocellular Adenoma TGLS = 7-4]	
		[Hyperplasia TGLS = 7-4]	
		[Leukemia Mononuclear TGLS = 6-4]	
* Lung		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Marked
		Inflammation	Chronic Active, Moderate
		[Hyperplasia TGLS = 3-13]	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
		[Adenoma TGLS = 2-7]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 550 HISTO: 9101058
ORGAN AND ACCOUNTABLE SITE STATUS			
* Preputial Gland [Dilatation TGLS = 8-15]	Duct	Dilatation Inflammation	Marked Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin Note: [PAPILLOMA SQUA] TGLs = 1-14	Face	Squamous Cell Papilloma	
* Spleen [Leukemia Mononuclear TGLS = 4-12] [Necrosis TGLS = 5-12]		Leukemia Mononuclear Necrosis	Coagulative, Marked
* Testes	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101059
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstitial Cell	Adenoma	
[Adenoma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH -			
Animal Note: ONLY ONE ADRENAL GLD AVAILABLE FOR			
Animal Note: HISTOPATHOLOGICAL EXAMINATION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 705 HISTO: 9101060
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Intestine Small, Duodenum		Inflammation	Necrotizing, Marked
* Kidney		Hyperplasia	Moderate
		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Leukemia Mononuclear TGLS = 5-1]			
[Nephropathy TGLS = 5-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	TRT#: 1	SEX: Male	DAY ON TEST: 705
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101060
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Angiectasis	Moderate
		Leukemia Mononuclear	
[Adenoma TGLS = 7-7]			
[Angiectasis TGLS = 7-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Prostate		Leukemia Mononuclear	
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 730 HISTO: 9101061
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* 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	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 5-13]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 2-10]			
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Skin	Inguinal	Acanthosis	Minimal
	Ventral	Keratoacanthoma	
[Keratoacanthoma TGLS = 1-13]			
* Spleen		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 730 HISTO: 9101061
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibrosis TGLS = 4-12] * Testes	Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
[Adenoma TGLS = 3-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 729 HISTO: 9101062
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Hypertrophy	Fatty, Mild Mild Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
* Liver	Hepatocyte Bile Duct	Degeneration Hyperplasia Leukemia Mononuclear	Cystic, Minimal Mild
* Lung	Alveolus	Infiltration Cellular Leukemia Mononuclear	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 670 HISTO: 9101063
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea		
MISSING			
* Thymus			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Minimal
* Blood Vessel		Mineralization	Mild
* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 2-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Moderate
* Urinary Bladder		Inflammation	Hemorrhagic, Marked
[Inflammation TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23	TRT#: 1	SEX: Male	DAY ON TEST: 670
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9101063

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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Animal Note: NEPHROPATHY,HEMORRHAGIC CYSTITIS.

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA, CHRONIC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 731 HISTO: 9101064
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Leukemia Mononuclear	Fatty, Minimal Minimal
* Adrenal Medulla		Hyperplasia Leukemia Mononuclear	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy Leukemia Mononuclear	Chronic, Mild
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 6-1]			
* Liver	Hepatocyte	Degeneration Eosinophilic Focus Hyperplasia Leukemia Mononuclear	Cystic, Mild Moderate
	Bile Duct		
[Eosinophilic Focus TGLS = 8-15]			
[Hyperplasia TGLS = 8-15]			
[Leukemia Mononuclear TGLS = 5-13]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 731 HISTO: 9101064
ORGAN AND ACCOUNTABLE SITE STATUS			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Respirat Epith	Hyperplasia Inflammation	Mild Chronic Active, Mild
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis Leukemia Mononuclear Pigmentation	Mild Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 3-10]			
* Seminal Vesicle		Atrophy	Marked
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[Fibrosis TGLS = 9-16]			
[Leukemia Mononuclear TGLS = 4-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
Tongue		Cyst Squamous Cell Papilloma	
Note: [PAPILLOMA SQUA] TGLs = 7-14			
[Cyst TGLS = 7-14]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Skin
* Thymus

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Spleen
* Thyroid Gland

* Blood Vessel
* Epididymis
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Salivary Glands
* Stomach, Forestomach
* Trachea

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lung
* Nose
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart
* Kidney
* Liver

Bile Duct

* Preputial Gland
* Prostate
* Testes

Interstit Cell

Cardiomyopathy
Nephropathy
Hyperplasia
Inflammation
Inflammation
Inflammation
Hyperplasia

Chronic, Minimal
Chronic, Mild
Minimal
Chronic, Minimal
Chronic Active, Minimal
Chronic Active, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: 9101066
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Brain		Compression	
		Hydrocephalus	Mild
* Epididymis		Atrophy	Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lymph Node, Mesenteric	Sinus	Ectasia	Moderate
[Ectasia TGLS = 4-12]			
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 2-13]			
* Seminal Vesicle		Atrophy	Mild
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 26	TRT#: 1	SEX: Male	DAY ON TEST: 710
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101066
ORGAN AND ACCOUNTABLE SITE STATUS			
	Seminif Tub	Atrophy	Marked
		Polyarteritis	
[Adenoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: NEPHROPATHY,MARKED PROSTATITIS.			
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA,CHRONIC			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 656 HISTO: 9101067
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Skin	Spinal Cord	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Mild
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Marked
* Seminal Vesicle		Atrophy	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		Polyarteritis	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101068
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Cyst	
* Nose		Inflammation	Chronic, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 654 HISTO: 9101069
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Intestine Large, Cecum		Inflammation	Suppurative, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-13]			
* Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
[Leukemia Mononuclear TGLS = 4-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	TRT#: 1	SEX: Male	DAY ON TEST: 654
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9101069
ORGAN AND ACCOUNTABLE SITE STATUS			
* Preputial Gland	Pars Distalis	Pigmentation	Hemosiderin, Mild
		Inflammation	Chronic Active, Mild
* Prostate		Leukemia Mononuclear	
		Leukemia Mononuclear	
* Skin	Inguinal	Acanthosis	Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-12]			
[Leukemia Mononuclear TGLS = 1-1]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 731 HISTO: 9101070
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
Ear			
Note: [PAPILLOMA SQUA] TGLs = 1-14			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 4-1]			
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-12]			
* Nose		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Thoracic	Keratoacanthoma	
	Pinna	Squamous Cell Papilloma	
[Keratoacanthoma TGLS = 2-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	TRT#: 1	SEX: Male	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101070
ORGAN AND ACCOUNTABLE SITE STATUS			
[Squamous Cell Papilloma TGLS = 1-14]			
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
		Polyarteritis	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 730 HISTO: 9101071
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hypertrophy Leukemia Mononuclear	Fatty, Mild Mild
* Adrenal Medulla		Hyperplasia Leukemia Mononuclear	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Angiectasis Degeneration Hyperplasia Leukemia Mononuclear	Mild Cystic, Mild Mild
	Hepatocyte Bile Duct		
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-12]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 730 HISTO: 9101071
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas	Acinus	Atrophy Leukemia Mononuclear	Minimal
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Leukemia Mononuclear Pigmentation	Moderate Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gl	Note: ONLY ONE PREPUTIAL GLD AVAILABLE FOR Note: HISTOPATHOLOGICAL EXAMINATION.		
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13]			
* Stomach, Glandular		Cyst Epithelial Inclusion Erosion	Moderate
[Cyst Epithelial Inclusion TGLS = 5-14]			
[Erosion TGLS = 6-14]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 705 HISTO: 9101072
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	Penis	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Leukemia Mononuclear Mesothelioma Nos	Fatty, Mild Mild
* Adrenal Medulla		Hyperplasia Leukemia Mononuclear Leukemia Mononuclear	Mild
* Bone Marrow		Atrophy Mesothelioma Nos	Moderate
* Epididymis		Cardiomyopathy Parasite Metazoan	Chronic, Mild
* Heart		Leukemia Mononuclear Mesothelioma Nos	
* Intestine Large, Rectum		Nephropathy	Chronic, Mild
* Kidney		Hepatocellular Adenoma Hyperplasia	Moderate
* Liver	Bile Duct	Leukemia Mononuclear Mesothelioma Nos Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 8-13]			
[Mixed Cell Focus TGLS = 7-12]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 705 HISTO: 9101072
ORGAN AND ACCOUNTABLE SITE STATUS			
[Hyperplasia TGLS = 3-16]			
Mesentery		Mesothelioma Nos	
[Mesothelioma Nos TGLS = 2-15]			
* Pancreas	Acinus	Atrophy Mesothelioma Nos	Minimal
Penis			
Note: HISTOPATHOLOGICALLY.			
Note: TGL#9-14-NCL:PENIS CONSIDERED TO BE WNL			
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Cyst Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 10-7]			
[Cyst TGLS = 10-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation Mesothelioma Nos	Chronic Active, Mild
* Seminal Vesicle			
		Atrophy Mesothelioma Nos Mesothelioma Nos	Mild
Skeletal Muscle			
[Mesothelioma Nos TGLS = 4,6-7-16]			
* Spleen		Leukemia Mononuclear Mesothelioma Nos	
[Leukemia Mononuclear TGLS = 5-12]			
* Testes	Seminif Tub	Atrophy Mesothelioma Nos Mesothelioma Nos	Marked
* Urinary Bladder			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:MESOTHELIOMA, MONONUCLEAR CELL			
Animal Note: LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101073
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 3-1]			
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Mild
* Skin	SOA-Mass	Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-12]			
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101073
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 586 HISTO: 9101074
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Leukemia Mononuclear TGLS = 3-1]			
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Atrophy	Marked
* Skin	Hindlimb, Subcut Tiss	Fibroma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 586 HISTO: 9101074
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibroma TGLS = 6-13]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Stomach, Glandular		Erosion	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 705 HISTO: 9101075
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia	Fatty, Mild Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 5-1]			
* Liver		Hepatodiaphragmatic Nodule Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-13]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 6-7]			
* Preputial Gland		Carcinoma Inflammation	Chronic Active, Minimal
[Carcinoma TGLS = 1-14]			
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 2-12]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 35

TRT#: 1

SEX: Male

DAY ON TEST: 705

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101075

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY:PREPUTIAL GLD CARCINOMA,

Animal Note: PITUITARY GLD ADENOMA,

Animal Note: CHRONIC NEPHROPATHY.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 1	SEX: Male	DAY ON TEST: 456
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9101076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 3-5]			
[Leukemia Mononuclear TGLS = 3-5]			
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101076
ORGAN AND ACCOUNTABLE SITE STATUS			
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 642 HISTO: 9101077
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 6-1]			
* Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hepatocellular Adenoma TGLS = 8-14]			
[Hyperplasia TGLS = 8-14]			
[Leukemia Mononuclear TGLS = 7-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-16]			
[Leukemia Mononuclear TGLS = 3-16]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-16]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 642 HISTO: 9101077
ORGAN AND ACCOUNTABLE SITE STATUS			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Skin	Tail	Fibrosarcoma	
	Face	Squamous Cell Papilloma	
[Fibrosarcoma TGLS = 1-15]			
[Squamous Cell Papilloma TGLS = 4-13]			
* Spleen		Leukemia Mononuclear Necrosis	Coagulative, Marked
[Leukemia Mononuclear TGLS = 2-12]			
[Necrosis TGLS = 5-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 9-10]			
* Thymus		Cyst	
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 452 HISTO: 9101078
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38	TRT#: 1	SEX: Male	DAY ON TEST: 452
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101078

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101079
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration Hyperplasia Hypertrophy	Fatty, Mild Mild Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hepatodiaphragmatic Nodule Hyperplasia	Mild
	Hepatocyte	Leukemia Mononuclear Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-12]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-13]			
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 2-14]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101079
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 3-7] * Prostate * Spleen * Thyroid Gland	Pars Distalis	Pigmentation	Hemosiderin, Mild
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 536 HISTO: 9101080
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 591 HISTO: 9101081
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Inflammation	Necrotizing, Marked
[Inflammation TGLS = 2-12]			
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COLITIS.			
Animal Note: CAUSE OF MORBIDITY:MARKED NECROTIZING (ULCERATIVE)			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 729 HISTO: 9101082
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 2-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
[Fibroadenoma TGLS = 1-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 42	TRT#: 1	SEX: Male	DAY ON TEST: 729
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101082
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Leukemia Mononuclear	
* Testes		Polyarteritis	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: PATHOLOGICALLY.			
Animal Note: NORMAL SUBMUCOSAL LYMPHOID NODULES HISTO-			
Animal Note: TGL#4-13-NCL:NODULES, NOTED AT TRIM, FOUND TO BE			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 731 HISTO: 9101083
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* 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	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 3-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Marked
* Skin	Inguinal	Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 12 HISTO: 9101084
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
Eye	* 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
Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

Eye

 Note: HISTOPATHOLOGICALLY.

 Note: TGL#1-13-NCL:EYES CONSIDERED TO BE WNL

* Heart	Inflammation	Chronic Active, Mild
* Kidney	Hydronephrosis	Mild
	Necrosis	Coagulative, Mild
* Prostate	Inflammation	Hemorrhagic, Marked
* Urinary Bladder	Inflammation	Hemorrhagic, Marked
[Inflammation TGLS = 2-12]		

PRIMARY CAUSE OF DEATH

-

Animal Note: COD*HEMORRHAGIC CYSTITIS & PROSTATITIS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101085
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Medulla	Bilateral	Hyperplasia	Marked
		Pheochromocytoma Benign	
* Epididymis	Bile Duct	Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Fibrosis	Marked
[Fibrosis TGLS = 2-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 730 HISTO: 9101086
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 4-1]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 5-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 46	TRT#: 1	SEX: Male	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101086
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 589 HISTO: 9101087
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101088
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 535 HISTO: 9101089
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Atrophy	Marked
* Intestine Large, Cecum		Inflammation	Suppurative, Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Infarct	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Infarct TGLS = 2-12]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Marked
* Seminal Vesicle		Atrophy	Marked
* Testes	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Atrophy TGLS = 1-10]			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:SUPPURATIVE CECITIS.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 730 HISTO: 9101090
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
		Polyarteritis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 9101091
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: ONLY ONE ADRENAL GLD AVAILABLE FOR HISTOPATHO-

Animal Note: LOGICAL EXAMINATION.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 702 HISTO: 9101092
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* 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
Penis	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Thymus			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Brain		Compression	
		Hydrocephalus	Moderate
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 4-1]			
* Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 3-13]			
Penis			
Note: TGL#1-12-NCL:PENIS CONSIDERED TO BE WNL			
Note: HISTOPATHOLOGICALLY.			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	TRT#: 1	SEX: Male	DAY ON TEST: 702
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101092
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Moderate
* Stomach, Forestomach		Foreign Body	Multiple, Mild
		Granuloma	Moderate
	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Moderate
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

Animal Note: GLAND ADENOMA.

Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY, PITUITARY

Animal Note: FOREIGN BODIES ARE PIECES OF HAIR.

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Accidentally Killed	DAY ON TEST: 476 HISTO: 9101093
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* 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	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Note: LOGICALLY.			
Note: NOTED AT NECROPSY,NOT APPARENT HISTOPATHO-			
Note: TGL#2-4-NCL:CAUSE OF WHITE/YELLOW DISCOLORATION,			
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:ACCIDENT.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 554 HISTO: 9101094
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Trachea	
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8,9-17+18]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
[Leukemia Mononuclear TGLS = 2-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5+7,7-6+16,4-12,6-15]			
[Leukemia Mononuclear TGLS = 5-5+7,7-6+16,4-12,6-15]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5+7,7-6+16,4-12,6-15]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5+7,7-6+16,4-12,6-15]			
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 554 HISTO: 9101094
ORGAN AND ACCOUNTABLE SITE STATUS			
* Nose		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
Note: HISTOPATHOLOGICALLY.			
Note: TGL#1-7-NCL:CYST,NOTED AT NECROPSY,NOT APPARENT			
* Preputial Gland		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-13]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 10-14]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101095
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone	Maxilla	Fibrosis	Marked
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-1]			
* Liver	Bile Duct	Basophilic Focus	
		Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-11]			
* Seminal Vesicle		Atrophy	Marked
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Polyarteritis	
[Adenoma TGLS = 4-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101095
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland Tissue NOS Note: HISTOLOGICALLY. Note: TISSUE IDENTIFIED AS BULBOURETHRAL GLAND [Ectasia TGLS = 2-12]	Follicle	Cyst Ectasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 609 HISTO: 9101096
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Marked
[Inflammation TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 1	SEX: Male	DAY ON TEST: 609
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9101096

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 618 HISTO: 9101097
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Blood Vessel	Mesent Artery	Polyarteritis	Chronic, Marked
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

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: 618

HISTO: 9101097

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101098
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12]			
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 670 HISTO: 9101099
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* 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
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 2-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
Note: APPARENT HISTOPATHOLOGICALLY.			
Note: TGL#5-12-NCL:LIVER FOCUS,NOTED AT TRIM,NOT			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
Note: ONLY 1 PREPUTIAL GLD AVAILABLE FOR			
Note: HISTOPATHOLOGICAL EXAMINATION.			
* Prostate		Inflammation	Chronic Active, Marked
* Seminal Vesicle		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 670 HISTO: 9101099
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes [Adenoma TGLS = 4-4]	Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		
Animal Note: GLD ADENOMA.			
Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY, PITUITARY			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 731 HISTO: 9101100
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	Ear
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Thymus			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Hypertrophy Leukemia Mononuclear	Fatty, Mild Mild Mild
* Adrenal Medulla		Hyperplasia Leukemia Mononuclear	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy Leukemia Mononuclear	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 6-1]			
* Liver	Hepatocyte Bile Duct	Degeneration Hyperplasia Leukemia Mononuclear	Cystic, Mild Moderate
[Leukemia Mononuclear TGLS = 5-4]			
* Lung	Alveolus	Infiltration Cellular Leukemia Mononuclear Metaplasia	Mononuclear Cl, Minimal Osseous, Minimal
* Lymph Node	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
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: 731 HISTO: 9101100
ORGAN AND ACCOUNTABLE SITE STATUS			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
		Leukemia Mononuclear	
[Adenoma TGLS = 8-7]			
* Preputial Gland		Inflammation	Chronic Active, Moderate
		Leukemia Mononuclear	
[Inflammation TGLS = 7-10]			
* Prostate		Adenocarcinoma	
		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Seminal Vesicle		Atrophy	Marked
* Skin	Foot	Acanthosis	Marked
	Foot	Hyperkeratosis	Marked
	Foot	Inflammation	Chronic Active, Mild
Note: TGL#2-10-NCL:BLUE DISCOLORATION,NOTED AT NECROPSY, Note: NOT APPARENT HISTOPATHOLOGICALLY. [Hyperkeratosis TGLS = 1-15]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-13]			
[Leukemia Mononuclear TGLS = 3-12]			
* Stomach, Forestomach		Squamous Cell Papilloma	
* Testes	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
		Polyarteritis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101401
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101401
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes Note: TGL#1-10-NCL:TESTICLE SECTION ON SLIDE #10 Note: CONSIDERED TO BE WNL HISTOPATHOLOGICALLY. [Adenoma TGLS = 1-12]	Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 718 HISTO: 9101402
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone Marrow	* Brain	* Esophagus	* 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	* Salivary Glands	* Skin	* Spleen
* Thymus	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Blood Vessel		Mineralization	Marked
* Bone		Fibrous Osteodystrophy	
Ear		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 4-12]			
* Epididymis		Atrophy	Moderate
		Mineralization	Moderate
* Heart		Cardiomyopathy	Chronic, Moderate
		Mineralization	Moderate
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 3-1]			
* Liver		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Mineralization	Moderate
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	TRT#: 3	SEX: Male	DAY ON TEST: 718
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101402
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Forestomach		Mineralization	Mild
		Mineralization	Marked
		Mineralization	Marked
		Adenoma	
		Atrophy	Marked
* Stomach, Glandular		Hyperplasia	Minimal
* Testes	Interstit Cell		
	Seminif Tub		
	Interstit Cell		
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MARKED CHRONIC NEPHROPATHY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 684 HISTO: 9101403
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Brain		Compression	
		Hydrocephalus	Mild
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Moderate
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Mild
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN BO2.			
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 3-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 1-7]			
* Preputial Gland		Fibrosarcoma	
		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Marked
* Seminal Vesicle		Atrophy	Mild
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Polyarteritis	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 63	TRT#: 3	SEX: Male	DAY ON TEST: 684
	DOSE: 32 MG/KG	DISP: Natural Death	HISTO: 9101403
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 4-10]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 2-12]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: FOLLICULAR CELL CARCINOMA.			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA, THYROID GLD			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 578 HISTO: 9101404
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* 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	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 3-12]			
* Intestine Small, Duodenum		Leiomyosarcoma	Metastatic (Intestine Large, Colon)
* Kidney		Leiomyosarcoma	Metastatic (Intestine Large, Colon)
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leiomyosarcoma	Metastatic (Intestine Large, Colon)
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 2-4]			
Mesentery		Leiomyosarcoma	Metastatic (Intestine Large, Colon)
[Leiomyosarcoma TGLS = 4-13]			
* Pancreas		Leiomyosarcoma	Metastatic (Intestine Large, Colon)
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Mild
* Stomach, Glandular		Erosion	Mild
		Leiomyosarcoma	Metastatic (Intestine Large, Colon)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 578 HISTO: 9101404
ORGAN AND ACCOUNTABLE SITE STATUS			
[Erosion TGLS = 5-6] * Testes	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Mild
[Adenoma TGLS = 6-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: MULTIPLE ABDOMINAL METASTASES (EXTENSIONS).			
Animal Note: CAUSE OF DEATH:LEIOMYOSARCOMA OF COLON WITH			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 608 HISTO: 9101405
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Stomach, Forestomach	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 8-5]			
[Leukemia Mononuclear TGLS = 8-5]			
* Epididymis		Atrophy	Mild
* Heart	Valve	Bacterium	
		Cardiomyopathy	Chronic, Mild
	Valve	Inflammation	Chronic Active, Moderate
		Inflammation	Suppurative, Mild
		Leukemia Mononuclear	
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Inflammation	Suppurative, Moderate
		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Leukemia Mononuclear TGLS = 3-1]			
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung	Fat, Mediastinum	Atrophy	Marked
		Leukemia Mononuclear	
[Atrophy TGLS = 7-2]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 608 HISTO: 9101405
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 6-2+3]			
* Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Necrosis	Coagulative, Marked
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 2-10+13]			
* Seminal Vesicle		Atrophy	Mild
* Skin	Inguinal	Acanthosis	Mild
	SOA-No Mass	Acanthosis	Minimal
	Inguinal	Inflammation	Chronic Active, Mild
	SOA-No Mass	Inflammation	Chronic Active, Minimal
	Inguinal	Ulcer	Marked
[Inflammation TGLS = 1-15]			
[Inflammation TGLS = 1-15]			
[Ulcer TGLS = 11-13]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12]			
* Stomach, Glandular		Inflammation	Necrotizing, Moderate
		Leukemia Mononuclear	
[Inflammation TGLS = 9-14]			
* Testes	Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 10-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 608 HISTO: 9101405
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ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: SHEDDING OF BACTERIAL EMBOLI TO HEART,KIDNEY AND
Animal Note: BACTERIAL VEGATATIVE VALVULAR ENDOCARDITIS WITH
Animal Note: CHRONIC NEPHRITIS,
Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA.
Animal Note: SEPTICEMIA.
Animal Note: PROBABLY OTHER ORGANS & PROBABLE GENERALIZED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 649 HISTO: 9101406
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
[Leukemia Mononuclear TGLS = 7-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2+3]			
* Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5,6-2+6+12]			
[Leukemia Mononuclear TGLS = 4,5,6-2+6+12]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5,6-2+6+12]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	TRT#: 3	SEX: Male	DAY ON TEST: 649
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101406
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 9-7]	Pars Distalis	Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Moderate
		Leukemia Mononuclear	
[Inflammation TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 10-10]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 620 HISTO: 9101407
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia	Fatty, Minimal Mild
* Brain		Compression Hydrocephalus	Moderate
* Heart Note: TGL#2-4-NCL:ENLARGED RIGHT ATRIUM, NOTED AT TRIM, Note: DUE TO BLOOD CLOT. CONSIDERED TO BE WNL FOR NATD.		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia Inflammation	Mild Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation Inflammation	Suppurative, Minimal Chronic Active, Mild
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Pigmentation	Moderate Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Interstit Cell	Hyperplasia Polyarteritis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 67	TRT#: 3	SEX: Male	DAY ON TEST: 620
	DOSE: 32 MG/KG	DISP: Natural Death	HISTO: 9101407
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 558 HISTO: 9101408
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Moderate
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Carcinoma	Metastatic (Thyroid Gland)
	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Mild
* Testes	Interstit Cell	Adenoma	
		Polyarteritis	
[Adenoma TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 558 HISTO: 9101408
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland [Carcinoma TGLS = 3-7]	C Cell	Carcinoma	
PRIMARY CAUSE OF DEATH	-		
Animal Note: METASTASES.			
Animal Note: THYROID GLD C-CELL CARCINOMA WITH PULMONARY			
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA,			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 443 HISTO: 9101409
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101410
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 667 HISTO: 9101411
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Parathyroid Gland	Penis	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Schwannoma Malignant	Metastatic (Skin)
[Schwannoma Malignant TGLS = 6-4]			
* Lung		Schwannoma Malignant	Metastatic (Skin)
[Schwannoma Malignant TGLS = 7,8,9,10-2+3+12+13]			
* Lymph Node, Mandibular		Schwannoma Malignant	Metastatic (Skin)
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
Penis			
Note: TGL#4-17-NCL:PENIS CONSIDERED TO BE WNL			
Note: HISTOPATHOLOGICALLY.			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 12-7]			
* Preputial Gland	Duct	Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 667 HISTO: 9101411
ORGAN AND ACCOUNTABLE SITE STATUS			
[Dilatation TGLS = 3-10]		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Salivary Glands		Schwannoma Malignant	Metastatic (Skin)
* Sem Ves			
Note: HISTOPATHOLOGICALLY. ENLARGEMENT NOTED AT			
Note: TGL#5-17-NCL:SEMINAL VESICLE CONSIDERED TO BE WNL			
Note: NECROPSY DUE TO ENGORGEMENT WITH SECRETION.			
* Skin	Neck, Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-14+15+16]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:SUBCUTANEOUS NEUROFIBROSARCOMA			
Animal Note: WITH MULTIPLE METASTASES.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 702 HISTO: 9101412
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Leukemia Mononuclear TGLS = 4-1]			
[Nephropathy TGLS = 4-1]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Hyperplasia	Nodular, Moderate
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 7-13]			
[Hyperplasia TGLS = 5,6-4+12]			
[Hyperplasia TGLS = 5,6-4+12]			
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,8,11-2+7+13]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 702 HISTO: 9101412
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 1,8,11-2+7+13]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,8,11-2+7+13]			
* Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
		Leukemia Mononuclear	
[Adenoma TGLS = 9-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-14]			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	
* Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 10-15]			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101413
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Epididymis		Atrophy	Marked
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	SOA-No Mass	Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 507 HISTO: 9101414
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	Tail	Inflammation	Chronic Active, Moderate
	Tail	Ulcer	Marked
[Inflammation TGLS = 2-12]			
[Ulcer TGLS = 2-12]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101415
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 2-13]			
* Pancreas	Artery	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
[Hyperplasia TGLS = 1-12]			
[Inflammation TGLS = 1-12]			
* Prostate		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 694 HISTO: 9101416
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Cecum	* 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	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 1-12]			
Mesentery	Fat	Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 4-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Prostate		Inflammation	Chronic Active, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Marked
* Testes		Polyarteritis	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76

TRT#: 3

SEX: Male

DAY ON TEST: 694

DOSE: 32 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101416

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HISTOPATHOLOGICALLY.

Note: TESTICULAR SIZE CONSIDERED TO BE WNL

[Polyarteritis TGLS = 2-10]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77

TRT#: 3

SEX: Male

DAY ON TEST: 604

DOSE: 32 MG/KG

DISP: Natural Death

HISTO: 9101417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Compression	
		Hemorrhage	Mild
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101418
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Necrosis	Coagulative, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: 9101419
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Hypertrophy Leukemia Mononuclear	Fatty, Minimal Mild Mild
* Adrenal Medulla		Hyperplasia Leukemia Mononuclear	Minimal
* Bone Marrow		Leukemia Mononuclear Myelofibrosis	Mild
* Heart		Cardiomyopathy Leukemia Mononuclear	Chronic, Mild
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 6-1]			
* Liver		Eosinophilic Focus Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 4-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: 9101419
ORGAN AND ACCOUNTABLE SITE STATUS			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Adenocarcinoma Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[Fibrosis TGLS = 2-12]			
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Glandular		Inflammation	Necrotizing, Minimal
* Testes	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
* Thyroid Gland	Follicle	Cyst	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CHRONIC NEPHROPATHY.			
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA,			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101420
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101421
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 7-7]			
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 3-1]			
* Liver		Inflammation	Chronic, Mild
* Mammary Gland		Hyperplasia	Cystic, Marked
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 5-12]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Moderate
* Spleen	Red Pulp	Atrophy	Moderate
[Atrophy TGLS = 4-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 81	TRT#: 3	SEX: Male	DAY ON TEST: 731
	DOSE: 32 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101421
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1,2-10]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 599 HISTO: 9101422
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH			
-			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 677 HISTO: 9101423
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration Hypertrophy Leukemia Mononuclear	Fatty, Mild Moderate
* Adrenal Medulla		Hyperplasia Leukemia Mononuclear	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy Leukemia Mononuclear	Chronic, Mild
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
* Liver	Hepatocyte Bile Duct	Degeneration Hyperplasia Leukemia Mononuclear	Cystic, Moderate Moderate
* Lung	Alveolus	Infiltration Cellular Leukemia Mononuclear	Mononuclear CI, Minimal
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 83	TRT#: 3	SEX: Male	DAY ON TEST: 677
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101423
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101424
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Hyperplasia TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101424
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 32 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101425
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 420 HISTO: 9101426
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Inguinal	Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: COD:UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101427
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101428
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
	Perivascular	Inflammation	Chronic Active, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Atrophy	Marked
* Skin	Dermis, SOA-No Mass	Fibrosis	Marked
[Fibrosis TGLS = 2-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-13]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101428
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 549 HISTO: 9101429
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Brain		Compression Hemorrhage Hydrocephalus Cardiomyopathy	Mild Mild Chronic, Minimal
* Heart		Nephropathy	Chronic, Moderate
* Kidney		Hyperplasia	Minimal
* Liver	Bile Duct	Hyperplasia Inflammation	Cystic, Mild Chronic Active, Mild
* Mammary Gland		Adenoma	
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Angiectasis Pigmentation	Marked Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 32 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Skin
* Thymus

* Blood Vessel
* Epididymis
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Pituitary Gland
* Spleen
* Thyroid Gland

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lung
* Nose
* Salivary Glands
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Heart
* Kidney
* Liver

Hepatocyte
Bile Duct

Cardiomyopathy
Nephropathy
Degeneration
Hyperplasia

Chronic, Mild
Chronic, Mild
Cystic, Mild
Minimal

Note: HISTOPATHOLOGICALLY.

Note: TGL#2-12-NCL:TAN FOCUS,NOTED AT TRIM,NOT APPARENT

* Preputial Gland
* Prostate
* Testes

Interstit Cell
Interstit Cell

Inflammation
Inflammation
Adenoma
Hyperplasia

Chronic Active, Mild
Chronic Active, Minimal

Minimal

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 619 HISTO: 9101431
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
* Brain		Compression Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia Inflammation	Minimal Chronic, Minimal
* Lym Node Mand Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Pigmentation	Marked Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach Note: [PAPILLOMA SQUA] TGLs = 3-12		Squamous Cell Papilloma	
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91

TRT#: 3

SEX: Male

DAY ON TEST: 619

DOSE: 32 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101431

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 564 HISTO: 9101432
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea		
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
[Leukemia Mononuclear TGLS = 6-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,5,8-6+13+17]			
[Leukemia Mononuclear TGLS = 1,5,8-6+13+17]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,5,8-6+13+17]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,5,8-6+13+17]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	TRT#: 3	SEX: Male	DAY ON TEST: 564
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101432
ORGAN AND ACCOUNTABLE SITE STATUS			
* Prostate		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 9-14]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-10]			
[Hyperplasia TGLS = 4-10]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 727 HISTO: 9101433
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Brain		Compression	
		Hydrocephalus	Mild
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Cecum		Inflammation	Necrotizing, Marked
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Moderate
* Mammary Gland		Carcinoma	
		Hyperplasia	Cystic, Moderate
[Carcinoma TGLS = 1-12]			
* Nose		Inflammation	Chronic Active, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 727 HISTO: 9101433
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes	Interstit Cell Seminif Tub	Inflammation Adenoma Atrophy	Necrotizing, Moderate Marked
[Adenoma TGLS = 2-10] [Atrophy TGLS = 3-10]			
* Tooth		Inflammation	Chronic Active, Marked
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 621 HISTO: 9101434
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* 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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Hydronephrosis	Mild
		Nephropathy	Chronic, Mild
[Hydronephrosis TGLS = 8-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node	Inguinal, Sinus	Ectasia	Moderate
	Mediastinal	Leukemia Mononuclear	
[Ectasia TGLS = 6-15]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 5-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	TRT#: 3	SEX: Male	DAY ON TEST: 621
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101434
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 7-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Mild
		Sarcoma	
[Sarcoma TGLS = 3-14]			
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA,			
Animal Note: MALIGNANT SCHWANNOMA - PELVIC CAVITY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 635 HISTO: 9101435
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Parathyroid Gland	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Lym Node Mand Note: MANDIBULAR LYMPH NODE IN B12.			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Salivary Glands		Neurofibrosarcoma	Metastatic (Skin)
[Neurofibrosarcoma TGLS = 2-12]			
* Seminal Vesicle		Atrophy	Moderate
Skeletal Muscle		Neurofibrosarcoma	Metastatic (Skin)
[Neurofibrosarcoma TGLS = 3-13]			
* Skin	Subcut Tiss	Neurofibrosarcoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 95	TRT#: 3	SEX: Male	DAY ON TEST: 635
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101435

ORGAN AND ACCOUNTABLE SITE STATUS		
* Thyroid Gland	Neurofibrosarcoma	Metastatic (Skin)

PRIMARY CAUSE OF DEATH	-
------------------------	---

Animal Note: CAUSE OF MORBIDITY:CUTANEOUS NEUROFIBROSARCOMA

Animal Note: WITH ASSOCIATED METASTASES.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 572

DOSE: 32 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Salivary Glands
* Stomach, Forestomach
* Urinary Bladder

* Adrenal Medulla
* Epididymis
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Seminal Vesicle
* Stomach, Glandular

* Blood Vessel
* Esophagus
* Intestine Small, Duodenum
* Lung
* Pancreas
* Skin
* Thymus

* Bone
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Spleen
* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Brain

Compression
Hydrocephalus
Cardiomyopathy
Nephropathy
Hyperplasia
Adenoma
Angiectasis
Pigmentation

Moderate
Chronic, Mild
Chronic, Mild
Mild

Marked
Hemosiderin, Mild

* Heart
* Kidney
* Liver
* Pituitary Gland

Bile Duct
Pars Distalis
Pars Distalis
Pars Distalis

Inflammation

Inflammation

Chronic Active, Mild

Chronic Active, Mild

[Adenoma TGLS = 2-7]

* Preputial Gland

[Inflammation TGLS = 3-10]

* Prostate
* Skin

Note: TGL#1-12-NCL:MULTIPLE,PALE LESIONS,NOTED AT
Note: SECTIONS CONSIDERED TO BE WNL MICROSCOPICALLY.
Note: NECROPSY,NOT APPARENT HISTOPATHOLOGICALLY. SKIN

* Testes
* Thyroid Gland

Interstit Cell
C Cell

Hyperplasia
Hyperplasia

Minimal
Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96

TRT#: 3

SEX: Male

DAY ON TEST: 572

DOSE: 32 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101436

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 573 HISTO: 9101437
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	
		Hemorrhage	Mild
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Chronic Active, Marked
[Dilatation TGLS = 1-12]			
[Inflammation TGLS = 1-12]			
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97	TRT#: 3	SEX: Male	DAY ON TEST: 573
	DOSE: 32 MG/KG	DISP: Natural Death	HISTO: 9101437

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101438
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-12]			
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 467 HISTO: 9101439
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Epididymis		Inflammation	Chronic Active, Mild
* Heart	Valve	Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 3-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Liposarcoma	
Note: HISTOPATHOLOGICALLY.			
Note: TGL#1-NCL:SKIN CONSIDERED TO BE WNL			
[Liposarcoma TGLS = 2-14]			
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

Animal Note: INGUINAL REGION.

Animal Note: CAUSE OF MORBIDITY:SUBCUTANEOUS LIPOSARCOMA,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99	TRT#: 3	SEX: Male	DAY ON TEST: 467
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101439

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101440
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 484 HISTO: 9101441
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102

TRT#: 3

SEX: Male

DAY ON TEST: 730

DOSE: 32 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Cecum		Parasite Metazoan	
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Hyperplasia	Nodular, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Atrophy	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101442
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 32 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Skin
* Thymus

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Blood Vessel
* Epididymis
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Salivary Glands
* Stomach, Forestomach
* Trachea

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lung
* Nose
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

OBSERVATIONS

* Heart
* Kidney
* Liver

Bile Duct

Cardiomyopathy
Nephropathy
Clear Cell Focus
Hyperplasia
Inflammation

Chronic, Minimal
Chronic, Mild

Minimal
Chronic, Minimal

* Lym Node Mand

Note: MANDIBULAR LYMPH NODE IN B05.

* Pituitary Gland
* Preputial Gland
* Prostate
* Testes

Pars Distalis

Adenoma
Inflammation
Inflammation
Adenoma
Hyperplasia

Chronic Active, Minimal
Chronic Active, Minimal

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 9101444
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	Ear
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
		Compression	
		Hydrocephalus	Mild
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	TRT#: 3	SEX: Male	DAY ON TEST: 719
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101444
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 4-7]			
* Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
[Dilatation TGLS = 5-10]			
[Inflammation TGLS = 5-10]			
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA,			
Animal Note: PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 558 HISTO: 9101445
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 558 HISTO: 9101445
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ORGAN AND ACCOUNTABLE SITE STATUS

* Zymbal's Gland Note: TGL#1-12-NCL;NO EVIDENCE OF ZYMBALS GLD CARCINOMA Note: ON SLIDE #12. [Carcinoma TGLS = 1-13]	Carcinoma
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PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA,
Animal Note: ZYMBALS GLD CARCINOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 724 HISTO: 9101446
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Ileum		Parasite Metazoan	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	TRT#: 3	SEX: Male	DAY ON TEST: 724
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101446
ORGAN AND ACCOUNTABLE SITE STATUS			
* Skin	Face	Basosquamous Tumor Malignant	
	[Basosquamous Tumor Malignant TGLS = 1-12]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-13]		
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 3-10]		
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 613 HISTO: 9101447
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss, Thoracic	Fibroma	
[Fibroma TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
[Hyperplasia TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 107	TRT#: 3	SEX: Male	DAY ON TEST: 613
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101447
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA,			
Animal Note: MASSIVE SUBCUTANEOUS FIBROMA, THORAX.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 32 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Skin
* Thymus

* Blood Vessel
* Epididymis
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Pituitary Gland
* Spleen
* Thyroid Gland

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lung
* Nose
* Salivary Glands
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Heart
* Kidney
* Liver

* Lym Node Mand
 Note: MANDIBULAR LYMPH NODE IN B05.
* Preputial Gland
* Prostate
* Testes

Bile Duct

Bilateral, Interstit Cell

Cardiomyopathy
Nephropathy
Hyperplasia
Inflammation

Inflammation
Inflammation
Adenoma

Chronic, Mild
Chronic, Mild
Minimal
Chronic, Minimal

Chronic Active, Minimal
Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109

TRT#: 3

SEX: Male

DAY ON TEST: 726

DOSE: 32 MG/KG

DISP: Natural Death

HISTO: 9101449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Prostate	* Salivary Glands
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Marked
* Heart	Atrium	Cardiomyopathy	Chronic, Mild
[Thrombosis TGLS = 6-4]		Thrombosis	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Moderate
[Leukemia Mononuclear TGLS = 4-4]		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
[Leukemia Mononuclear TGLS = 5-13]		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Moderate
* Parathyroid Gland		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Leukemia Mononuclear	

Note: ONLY ONE PREPUTIAL GLD AVAILABLE FOR HISTO-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	TRT#: 3	SEX: Male	DAY ON TEST: 726
	DOSE: 32 MG/KG	DISP: Natural Death	HISTO: 9101449
ORGAN AND ACCOUNTABLE SITE STATUS			
Note: PATHOLOGICAL EXAMINATION.			
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Marked
* Stomach, Glandular		Erosion	Minimal
[Erosion TGLS = 7-6]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 9101450
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Kidney		Leukemia Mononuclear	
[Nephropathy TGLS = 5-1]		Nephropathy	Chronic, Marked
* Liver		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 4-7]	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Carcinoma	
		Inflammation	Chronic Active, Minimal
[Carcinoma TGLS = 1-12]			
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:39

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 110	TRT#: 3	SEX: Male	DAY ON TEST: 719
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101450

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10]

[Atrophy TGLS = 3-10]

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA,
Animal Note: MONONUCLEAR CELL LEUKEMIA.
Animal Note: PREPUTIAL GLD CARCINOMA,CHRONIC NEPHROPATHY,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111

TRT#: 3

SEX: Male

DAY ON TEST: 456

DOSE: 32 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101452
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* 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	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland	* Prostate	* Thymus	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Lung		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Atrophy	Marked
* Skin	Foot	Ulcer	Marked
[Ulcer TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-13]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112	TRT#: 3	SEX: Male	DAY ON TEST: 730
	DOSE: 32 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101452

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 690 HISTO: 9101453
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 3-1]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 5-4]			
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
[Hyperplasia TGLS = 5-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	TRT#: 3	SEX: Male	DAY ON TEST: 690
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101453
ORGAN AND ACCOUNTABLE SITE STATUS			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-12]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: MONONUCLEAR CELL LEUKEMIA.			
Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY,			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:39
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 634 HISTO: 9101454
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5-2+14]			
[Leukemia Mononuclear TGLS = 4,5-2+14]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5-2+14]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5-2+14]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 634 HISTO: 9101454
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
		Necrosis	Coagulative, Marked
	[Leukemia Mononuclear TGLS = 1-13]		
	[Necrosis TGLS = 2-12]		
* Stomach, Glandular		Necrosis	Coagulative, Moderate
	[Necrosis TGLS = 6-15]		
* Testes		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115

TRT#: 3

SEX: Male

DAY ON TEST: 606

DOSE: 32 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Blood Vessel
* Epididymis
* Intestine Large, Rectum
* Islets, Pancreatic
* Pancreas
* Skin
* Testes
* Urinary Bladder

* Bone
* Esophagus
* Intestine Small, Duodenum
* Liver
* Parathyroid Gland
* Spleen
* Thymus

* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex
* Heart
* Kidney

* Lung
[Carcinoma TGLS = 3-12+13]

* Mammary Gland
* Nose
* Pituitary Gland

Nasolacrim Dct
Pars Distalis
Pars Distalis
Pars Distalis

[Adenoma TGLS = 1-7]

* Preputial Gland
* Prostate

Degeneration
Cardiomyopathy
Mineralization
Nephropathy
Carcinoma

Hyperplasia
Inflammation
Adenoma
Angiectasis
Pigmentation

Inflammation
Inflammation

Fatty, Minimal
Chronic, Mild
Moderate
Chronic, Mild
Metastatic (Uncertain Primary Site)

Cystic, Mild
Suppurative, Mild

Mild
Hemosiderin, Mild

Chronic Active, Mild
Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 3

SEX: Male

DAY ON TEST: 416

DOSE: 32 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-6]			
* Thyroid GI			
Note: ONLY ONE THYROID GLD AVAILABLE FOR HISTOPATHO-			
Note: LOGICAL EXAMINATION.			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLAND ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 32 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Degeneration	Fatty, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101458
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Mild
* Spleen		Fibrosis	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-12]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119

TRT#: 3

SEX: Male

DAY ON TEST: 724

DOSE: 32 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
[Hyperplasia TGLS = 4-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 3-7]	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Mild
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-12]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119	TRT#: 3	SEX: Male	DAY ON TEST: 724
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101459

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120	TRT#: 3 DOSE: 32 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 631 HISTO: 9101460
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
[Pheochromocytoma Benign TGLS = 2-7]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 1-1]			
* Liver	Hepatocyte	Degeneration Hepatodiaphragmatic Nodule	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 3-12]			
* Lung	Alveolar Epith	Hyperplasia	Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120	TRT#: 3	SEX: Male	DAY ON TEST: 631
	DOSE: 32 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101460

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 121

TRT#: 5

SEX: Male

DAY ON TEST: 724

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Moderate
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Hepatocyte	Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 5-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	TRT#: 5	SEX: Male	DAY ON TEST: 724
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101281
ORGAN AND ACCOUNTABLE SITE STATUS			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Stomach, Glandular		Inflammation	Necrotizing, Moderate
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 122	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 724 HISTO: 9101282
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Marked
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 2-13]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	TRT#: 5	SEX: Male	DAY ON TEST: 724
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101282
ORGAN AND ACCOUNTABLE SITE STATUS			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-10]			
[Atrophy TGLS = 5-10]			
[Hyperplasia TGLS = 4-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA,			
Animal Note: MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 123	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101283
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 123	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101283
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4,5-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101284
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 1-1]			
* Liver	Bile Duct	Clear Cell Focus	
		Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery	Fat	Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 3-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 124	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101284

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 125	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101285
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Angiectasis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Interstit Cell	Hyperplasia	Minimal
		Polyarteritis	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 126

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 127	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101287
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Brain		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Moderate
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
		Polyarteritis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 634 HISTO: 9101288
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Leukemia Mononuclear	
	Atrium	Thrombosis	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 5-4]	
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 4-13]	
		[Leukemia Mononuclear TGLS = 4-13]	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 4-13]	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 4-13]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 128	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 634 HISTO: 9101288
ORGAN AND ACCOUNTABLE SITE STATUS			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Developmental Malformation	
		Fibrosis	Mild
		Leukemia Mononuclear	
[Developmental Malformation TGLS = 3-12]			
[Fibrosis TGLS = 3-12]			
[Leukemia Mononuclear TGLS = 2-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 579 HISTO: 9101289
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Bone	* Brain	Ear	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Islets, Pancreatic
* Parathyroid Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia Leukemia Mononuclear	Minimal
* Adrenal Medulla		Hyperplasia Leukemia Mononuclear	Minimal
* Blood Vessel		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Small, Duodenum [Leukemia Mononuclear TGLS = 4-22]		Leukemia Mononuclear	
* Intestine Small, Ileum [Leukemia Mononuclear TGLS = 4-22]		Leukemia Mononuclear	
* Intestine Small, Jejunum [Leukemia Mononuclear TGLS = 4-22]		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Nephropathy Hyperplasia Leukemia Mononuclear	Chronic, Mild Moderate
* Lung	Alveolus	Infiltration Cellular Leukemia Mononuclear	Mononuclear CI, Minimal
* Lymph Node	Bronchial Lumbar Mediastinal [Leukemia Mononuclear TGLS = 5,6,7,8,9-7+18+20+21+23] [Leukemia Mononuclear TGLS = 5,6,7,8,9-7+18+20+21+23]	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 579 HISTO: 9101289
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 5,6,7,8,9-7+18+20+21+23]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,6,7,8,9-7+18+20+21+23]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,6,7,8,9-7+18+20+21+23]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas		Leukemia Mononuclear	
Peripheral Nerve	Myelin, Sciatic	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Mild
		Leukemia Mononuclear	
[Adenoma TGLS = 10-7]			
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Seminal Vesicle		Atrophy	Moderate
		Leukemia Mononuclear	
Skeletal Muscle		Leukemia Mononuclear	
Spinal Cord		Hemorrhage	Mild
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-17]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Necrotizing, Marked
		Leukemia Mononuclear	
[Inflammation TGLS = 11-19]			
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 129

TRT#: 5

SEX: Male

DAY ON TEST: 579

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101289

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10]

[Hyperplasia TGLS = 1-10]

* Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101290
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Hyperplasia	Minimal
		Nephropathy	Chronic, Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss, Thoracic	Fibroma	
	Thoracic	Keratoacanthoma	
	Face	Squamous Cell Papilloma	
[Fibroma TGLS = 2-13]			
[Keratoacanthoma TGLS = 3-12]			
[Squamous Cell Papilloma TGLS = 1-14]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 130	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101290
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 4-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 379 HISTO: 9101291
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium, Endocardium	Proliferation	Moderate
* Intestine Small, Duodenum		Leiomyosarcoma	Metastatic (Stomach, Glandular)
* Kidney		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leiomyosarcoma	Metastatic (Stomach, Glandular)
		Necrosis	Coagulative, Marked
[Leiomyosarcoma TGLS = 3-4]			
[Necrosis TGLS = 5-4]			
* Lymph Node	Mediastinal, Sinus	Hemorrhage	Marked
[Hemorrhage TGLS = 1-12]			
Mesentery		Leiomyosarcoma	Metastatic (Stomach, Glandular)
* Pancreas		Leiomyosarcoma	Metastatic (Stomach, Glandular)
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 131	TRT#: 5	SEX: Male	DAY ON TEST: 379
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101291
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Glandular		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 2-13]			
PRIMARY CAUSE OF DEATH		-	
Animal Note: MULTIPLE METASTASES.			
Animal Note: CAUSE OF MORBIDITY:GASTRIC LEIOMYOSARCOMA WITH			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 132	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 722 HISTO: 9101292
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Mild
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-1]			
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Minimal
[Hepatocellular Carcinoma TGLS = 6-4]			
* Lymph Node	Deep Cervical	Carcinoma	Metastatic (Thyroid Gland)
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 1-7]	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Polyarteritis	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 133	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101293
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
Mesentery	Fat	Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 1-12]			
* Preputial Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-10]			
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 134

TRT#: 5

SEX: Male

DAY ON TEST: 500

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 2-13]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Infarct	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-14]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Zymbal's Gland		Abscess	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 134	TRT#: 5	SEX: Male	DAY ON TEST: 500
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101294

ORGAN AND ACCOUNTABLE SITE STATUS

[Abscess TGLS = 3-12]

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 135

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-12]			
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 9101296
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Marked
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-1]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Parathyroid Gland		Hyperplasia	Moderate
Note: PARATHYROID GLD TISSUE ALSO IN B02.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 136	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 9101296
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis Pars Intermed Pars Distalis	Adenoma Cyst Hyperplasia Hyperplasia Leukemia Mononuclear Pigmentation	Mild Mild Hemosiderin, Mild
[Cyst TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Marked
* Spleen		Fibrosis Leukemia Mononuclear Thrombosis	Moderate
[Fibrosis TGLS = 1-1+12]			
[Leukemia Mononuclear TGLS = 5-12]			
[Thrombosis TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Mild Necrotizing, Moderate
* Testes	Interstit Cell Seminif Tub Interstit Cell	Adenoma Atrophy Hyperplasia	Marked Mild
[Atrophy TGLS = 2-10]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA,			
Animal Note: CHRONIC NEPHROPATHY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 137

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Islets, Pancreatic
* Mammary Gland
* Pituitary Gland
* Skin
* Thymus

* Blood Vessel
* Epididymis
* Intestine Small, Duodenum
* Lung
* Nose
* Prostate
* Spleen
* Thyroid Gland

* Bone
* Esophagus
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Salivary Glands
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Heart
* Intestine Large, Rectum
* Kidney
* Liver

Bile Duct

* Preputial Gland
[Inflammation TGLS = 1-10]
* Testes
[Adenoma TGLS = 2-10]

Bilateral, Interstit Cell

Cardiomyopathy
Parasite Metazoan
Nephropathy
Eosinophilic Focus
Hyperplasia
Inflammation
Inflammation

Adenoma

Chronic, Minimal

Chronic, Mild

Minimal
Chronic, Minimal
Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138

TRT#: 5

SEX: Male

DAY ON TEST: 574

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	Peripheral Nerve
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: TGL#3-4-NCL:FOCUS,NOTED AT TRIM,NOT APPARENT			
Note: HISTOPATHOLOGICALLY.			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-16]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
Spinal Cord	White Matter	Degeneration	Mild
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 138	TRT#: 5	SEX: Male	DAY ON TEST: 574
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101298

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: MONONUCLEAR CELL LEUKEMIA.
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis			
Note: TGL#6-11-NCL:EPIDIDYMIS CONSIDERED TO BE WNL			
Note: HISTOPATHOLOGICALLY.			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 4-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2+3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 8-7]			
* Preputial Gland	Duct	Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 139	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101299
ORGAN AND ACCOUNTABLE SITE STATUS			
[Dilatation TGLS = 1-10] [Inflammation TGLS = 1-10]		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 140

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* 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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Moderate
* Epididymis			
Note: HISTOPATHOLOGICALLY.			
Note: TGL#3-11-NCL:EPIDIDYMIS CONSIDERED TO BE WNL			
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose		Inflammation	Chronic Active, Minimal
Note: ASSOCIATED WITH HAIR FOREIGN BODY.			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 140	TRT#: 5	SEX: Male	DAY ON TEST: 731
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101300
ORGAN AND ACCOUNTABLE SITE STATUS			
* Prostate		Inflammation	Chronic Active, Mild
* Testes		Polyarteritis	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 141

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B03.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 142

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 143

TRT#: 5

SEX: Male

DAY ON TEST: 642

DOSE: 63 MG/KG

DISP: Natural Death

HISTO: 9101303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 2-12]			
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Atrophy	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CHRONIC CARDIOMYOPATHY.

Animal Note: CAUSE OF DEATH:UNDETERMINED-QUESTION MODERATE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 144

TRT#: 5

SEX: Male

DAY ON TEST: 431

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	Inguinal, Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-12+13+14]			
* Testes	Seminif Tub	Atrophy	Marked
[Atrophy TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:CUTANEOUS FIBROSARCOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 145	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101305
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
[Nephropathy TGLS = 4-1]		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Moderate
[Leukemia Mononuclear TGLS = 3-4+13]		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 145	TRT#: 5	SEX: Male	DAY ON TEST: 729
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101305
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 1-12]		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146

TRT#: 5

SEX: Male

DAY ON TEST: 584

DOSE: 63 MG/KG

DISP: Natural Death

HISTO: 9101306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Complex	
[Pheochromocytoma Complex TGLS = 2-12]			
* Brain		Compression	
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-13]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 146	TRT#: 5	SEX: Male	DAY ON TEST: 584
	DOSE: 63 MG/KG	DISP: Natural Death	HISTO: 9101306

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 702 HISTO: 9101307
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Prostate
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 11-5]			
[Leukemia Mononuclear TGLS = 11-5]			
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
[Leukemia Mononuclear TGLS = 4-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2+3]			
* Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 147	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 702 HISTO: 9101307
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 1,7,8,9,12-2+5+7+13+14+15]			
[Leukemia Mononuclear TGLS = 1,7,8,9,12-2+5+7+13+14+15]			
[Leukemia Mononuclear TGLS = 1,7,8,9,12-2+5+7+13+14+15]			
[Leukemia Mononuclear TGLS = 1,7,8,9,12-2+5+7+13+14+15]			
[Leukemia Mononuclear TGLS = 1,7,8,9,12-2+5+7+13+14+15]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,7,8,9,12-2+5+7+13+14+15]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,7,8,9,12-2+5+7+13+14+15]			
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Atrophy	Moderate
		Leukemia Mononuclear	
* Skin	SOA-No Mass	Leukemia Mononuclear	
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Marked
		Leukemia Mononuclear	
* Stomach, Glandular		Inflammation	Necrotizing, Marked
		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[Adenoma TGLS = 5-10]			
[Atrophy TGLS = 6-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 147	TRT#: 5	SEX: Male	DAY ON TEST: 702
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101307
ORGAN AND ACCOUNTABLE SITE STATUS			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 148

TRT#: 5

SEX: Male

DAY ON TEST: 353

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 1-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-12]			
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PREPUTIAL GLAND ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 149	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 649 HISTO: 9101309
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* 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	* Parathyroid Gland	* Prostate
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Chronic, Moderate
		Pigmentation	Hemosiderin, Moderate
[Pigmentation TGLS = 5-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Leukocytosis	Mild
[Leukocytosis TGLS = 6-4]			
Mesentery	Fat	Inflammation	Necrotizing, Marked
		Mesothelioma Nos	
[Inflammation TGLS = 4-12]			
[Mesothelioma Nos TGLS = 2-12]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas		Mesothelioma Nos	
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	TRT#: 5	SEX: Male	DAY ON TEST: 649
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101309
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 7-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Atrophy	Moderate
		Mesothelioma Nos	
* Spleen		Fibrosis	Mild
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
		Mesothelioma Nos	
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Mesothelioma Nos	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MESOTHELIOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 724 HISTO: 9101310
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration Hypertrophy Leukemia Mononuclear	Fatty, Mild Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression Hydrocephalus	Mild
* Epididymis		Atrophy Leukemia Mononuclear	Marked
* Heart		Cardiomyopathy Leukemia Mononuclear	Chronic, Mild
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Nephropathy Hyperplasia Leukemia Mononuclear	Chronic, Moderate Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-4]			
* Lung	Alveolus	Infiltration Cellular Leukemia Mononuclear	Mononuclear CI, Minimal
* Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 150	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 724 HISTO: 9101310
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas	Acinus	Atrophy Leukemia Mononuclear	Moderate
* Parathyroid Gland		Cyst	
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis Leukemia Mononuclear	Moderate
[Adenoma TGLS = 6-7]	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland	Duct	Dilatation Inflammation Leukemia Mononuclear	Marked Chronic Active, Marked
[Dilatation TGLS = 1-13]			
[Inflammation TGLS = 1-13]			
* Prostate		Inflammation Leukemia Mononuclear	Chronic Active, Moderate
* Seminal Vesicle		Atrophy Leukemia Mononuclear	Marked
* Spleen		Leukemia Mononuclear Necrosis	Coagulative, Marked
[Leukemia Mononuclear TGLS = 3-12]			
[Necrosis TGLS = 2-12]			
* Testes	Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
[Adenoma TGLS = 4-10]			
[Atrophy TGLS = 4-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: PITUITARY GLD ADENOMA.			
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA,			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 151

TRT#: 5

SEX: Male

DAY ON TEST: 652

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Coagulative, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal
* Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 2-12+13]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:ZYMBALS GLD CARCINOMA,

Animal Note: PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 152	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: 456 HISTO: 9101312
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Chronic Active, Mild
[Dilatation TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 153

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Atrophy	Moderate
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 153	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101313
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes [Adenoma TGLS = 2-10]	Interstit Cell Seminif Tub	Adenoma Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 154

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* 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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atrophy	Marked
		Granuloma Sperm	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Marked
[Hyperplasia TGLS = 2-2]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Craniophar Dct, Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 155

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* 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	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Epididymis		Mesothelioma Nos	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE ALSO IN B06.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 156

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* 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
* Salivary Glands	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-1]			
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Lung	Alveolar Epith	Hyperplasia	Marked
	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
[Hyperplasia TGLS = 7-3]			
* Mammary Gland		Hyperplasia	Cystic, Marked
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7]			
* Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
[Dilatation TGLS = 2-10]			
[Inflammation TGLS = 2-10]			
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101316
ORGAN AND ACCOUNTABLE SITE STATUS			
* Skin [Fibrosis TGLS = 1-12]	Dermis, SOA-No Mass	Fibrosis	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Moderate Chronic Active, Mild
* Testes [Adenoma TGLS = 4-10]	Interstit Cell Seminif Tub	Adenoma Atrophy Polyarteritis	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 617 HISTO: 9101317
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss, Ventral	Fibroma	
[Fibroma TGLS = 1-12]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH -			

Animal Note: PITUITARY & THYROID GLD ADENOMAS.

Animal Note: CAUSE OF MORBIDITY:SUBCUTANEOUS FIBROMA,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 157	TRT#: 5	SEX: Male	DAY ON TEST: 617
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101317

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159

TRT#: 5

SEX: Male

DAY ON TEST: 631

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Hemorrhagic, Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 159	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 631 HISTO: 9101319
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 160	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101320
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Marked
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Congestion	Moderate
[Congestion TGLS = 2-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 161

TRT#: 5

SEX: Male

DAY ON TEST: 365

DOSE: 63 MG/KG

DISP: Natural Death

HISTO: 9101321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Parathyroid Gland
* Skin
* Testes
* Urinary Bladder

* Blood Vessel
* Epididymis
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pituitary Gland
* Spleen
* Thymus

* Bone
* Esophagus
* Intestine Small, Duodenum
* Liver
* Nose
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Pancreas
* Seminal Vesicle
* Stomach, Glandular
* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex
* Heart
* Kidney
* Preputial Gland
* Prostate

Hyperplasia
Cardiomyopathy
Nephropathy
Inflammation
Inflammation

Minimal
Chronic, Minimal
Chronic, Minimal
Chronic Active, Minimal
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162

TRT#: 5

SEX: Male

DAY ON TEST: 623

DOSE: 63 MG/KG

DISP: Natural Death

HISTO: 9101322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Mild
[Dilatation TGLS = 2-10]			
[Inflammation TGLS = 2-10]			
* Prostate		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 162	TRT#: 5	SEX: Male	DAY ON TEST: 623
	DOSE: 63 MG/KG	DISP: Natural Death	HISTO: 9101322

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* 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
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Brain	* Salivary Glands
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-1]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Mild
* Spleen		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 163	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: 9101323
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibrosis TGLS = 3-12]			
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Moderate Necrotizing, Marked
* Testes	Seminif Tub	Atrophy Polyarteritis	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: GLD ADENOMA.			
Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY, PITUITARY			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 164

TRT#: 5

SEX: Male

DAY ON TEST: 456

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Skin
* Thyroid Gland

* Blood Vessel
* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Spleen
* Trachea

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Salivary Glands
* Stomach, Forestomach
* Urinary Bladder

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lung
* Nose
* Seminal Vesicle
* Thymus

OBSERVATIONS

* Adrenal Medulla
* Kidney
* Liver
* Pituitary Gland
* Preputial Gland
* Prostate
* Stomach, Glandular
* Testes

Bile Duct
Pars Distalis

Interstit Cell

Pheochromocytoma Benign
Nephropathy
Hyperplasia
Adenoma
Inflammation
Inflammation
Hyperplasia
Hyperplasia

Chronic, Moderate
Minimal

Chronic Active, Minimal
Chronic Active, Minimal
Glandular, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 165	TRT#: 5	SEX: Male	DAY ON TEST: 562
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	TRT#: 5	SEX: Male	DAY ON TEST: 562
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101325
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 4-13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 166	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 522 HISTO: 9101326
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-13]			
[Leukemia Mononuclear TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin	SOA-No Mass	Acanthosis	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167

TRT#: 5

SEX: Male

DAY ON TEST: 729

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Hemangiosarcoma	
		Nephropathy	Chronic, Moderate
[Hemangiosarcoma TGLS = 2-1]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Inflammation	Chronic Active, Mild
Note: ASSOCIATED WITH HAIR FOREIGN BODY.			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Dorsal	Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 167	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101327
ORGAN AND ACCOUNTABLE SITE STATUS			
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 168	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 575 HISTO: 9101328
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Marked
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10]			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169

TRT#: 5

SEX: Male

DAY ON TEST: 631

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Salivary Glands	* Testes	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
Ear		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
	Fat	Leukemia Mononuclear	
[Necrosis TGLS = 1-11]		Necrosis	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
[Leukemia Mononuclear TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,6,10-6+12+15+18]			
[Leukemia Mononuclear TGLS = 5,6,10-6+12+15+18]			
[Leukemia Mononuclear TGLS = 5,6,10-6+12+15+18]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 169	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 631 HISTO: 9101329
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 5,6,10-6+12+15+18]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,6,10-6+12+15+18]			
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 8-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-11]			
* Seminal Vesicle		Atrophy	Moderate
		Leukemia Mononuclear	
* Skin		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13]			
* Stomach, Forestomach		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-16]			
* Stomach, Glandular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-16]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-14]			
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 170		TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: 9101330
ORGAN AND ACCOUNTABLE SITE STATUS				
NORMAL				
* Blood Vessel	* Bone Marrow	* Brain	* Esophagus	
* 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	
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular	
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS				
* Adrenal Cortex		Degeneration	Fatty, Mild	
		Hyperplasia	Mild	
* Adrenal Medulla		Hyperplasia	Mild	
		Pheochromocytoma Benign		
* Bone	Maxilla	Abscess	Mild	
	Maxilla	Fibrosis	Moderate	
* Epididymis		Atrophy	Mild	
* Heart		Cardiomyopathy	Chronic, Mild	
* Islets, Pancreatic		Adenoma		
* Kidney		Nephropathy	Chronic, Marked	
[Nephropathy TGLS = 3-1]				
* Liver		Basophilic Focus		
Note: HISTOPATHOLOGICALLY.				
Note: TGL#2-4-NCL:NODULE,NOTED AT NECROPSY,NOT APPARENT				
* Mammary Gland		Hyperplasia	Cystic, Moderate	
[Hyperplasia TGLS = 5-12]				
* Pituitary Gland	Pars Distalis	Adenoma		
	Pars Distalis	Angiectasis	Moderate	
	Pars Distalis	Pigmentation	Hemosiderin, Mild	
[Adenoma TGLS = 4-7]				
* Preputial Gland		Inflammation	Chronic Active, Minimal	
* Prostate		Inflammation	Chronic Active, Moderate	
* Seminal Vesicle		Atrophy	Mild	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 170	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: 9101330
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Mild Necrotizing, Mild
* Testes	Interstit Cell Seminif Tub	Adenoma Atrophy Polyarteritis	Moderate
[Adenoma TGLS = 1-10] [Polyarteritis TGLS = 1-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: GLD ADENOMA.			
Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY, PITUITARY			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 171	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101331
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration Hypertrophy Hyperplasia	Fatty, Minimal Minimal Minimal
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Cardiomyopathy	Chronic, Mild
* Heart		Leukemia Mononuclear	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus Clear Cell Focus Hyperplasia Leukemia Mononuclear	Moderate
	Bile Duct		
[Leukemia Mononuclear TGLS = 4-13]			
* Lung	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular Leukemia Mononuclear	Moderate Mononuclear CI, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-14]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 171	TRT#: 5	SEX: Male	DAY ON TEST: 730
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101331
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Marked
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 172

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
		Polyarteritis	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 173	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 702 HISTO: 9101333
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* 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
* Salivary Glands	* Seminal Vesicle	* Spleen	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 3-1]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1,2-12+13]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Inguinal	Acanthosis	Mild
	Inguinal	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	TRT#: 5	SEX: Male	DAY ON TEST: 702
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101333
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Marked
* Stomach, Glandular		Inflammation	Necrotizing, Moderate
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[Adenoma TGLS = 5-10]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 174	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101334
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Marked
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
Note: [PAPILLOMA SQUA] TGLs = 3-6			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland		Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 175

TRT#: 5

SEX: Male

DAY ON TEST: 730

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Hyperplasia	Cystic, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Atrophy	Marked
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 176	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101336
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177

TRT#: 5

SEX: Male

DAY ON TEST: 616

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Prostate	* Salivary Glands	* Skin	* Thymus
* Trachea			

MISSING

* Parathyroid Gland	* Urinary Bladder
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OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12]			
[Leukemia Mononuclear TGLS = 5-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 177	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 616 HISTO: 9101337
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Adenoma	Chronic Active, Minimal Mild Coagulative, Marked
* Preputial Gland		Inflammation	
* Seminal Vesicle		Atrophy	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-13]			
[Necrosis TGLS = 4-13]			
* Stomach, Forestomach	Bilateral, Interstit Cell	Inflammation	Necrotizing, Moderate Coagulative, Marked
* Stomach, Glandular		Necrosis	
* Testes		Adenoma	
[Adenoma TGLS = 1-10]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 6-7]			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178

TRT#: 5

SEX: Male

DAY ON TEST: 710

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Preputial Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Mild
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 2-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Marked
* Testes	Seminif Tub	Atrophy	Moderate
		Polyarteritis	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 178	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 710 HISTO: 9101338
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ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: GLD ADENOMA.
Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY,PITUITARY

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	TRT#: 5	SEX: Male	DAY ON TEST: 456
	DOSE: 63 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9101339
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
MISSING			
* Mammary Gland			
OBSERVATIONS			
* Kidney		Nephropathy	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 180	TRT#: 5 DOSE: 63 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 586 HISTO: 9101340
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atrophy	Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 180	TRT#: 5	SEX: Male	DAY ON TEST: 586
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101340
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Degeneration Hyperplasia Hypertrophy Leukemia Mononuclear	Fatty, Minimal Minimal Mild
* Adrenal Medulla		Hyperplasia Leukemia Mononuclear	Mild
* Blood Vessel	Mesent Artery	Thrombosis Leukemia Mononuclear	
* Bone Marrow		Atrophy	Marked
* Epididymis		Cardiomyopathy	Chronic, Mild
* Heart		Leukemia Mononuclear Parasite Metazoan	
* Intestine Large, Rectum		Leukemia Mononuclear	
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Hepatocyte Bile Duct	Degeneration Hyperplasia Leukemia Mononuclear	Cystic, Minimal Mild
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-13]			
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 181	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101161
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis Leukemia Mononuclear	Mild
* Preputial Gland	Pars Distalis	Pigmentation Inflammation Leukemia Mononuclear	Hemosiderin, Mild Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Marked
* Skin	Tail Tail Tail	Acanthosis Hyperkeratosis Inflammation	Moderate Marked Chronic Active, Mild
[Hyperkeratosis TGLS = 1-14]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182

TRT#: 7

SEX: Male

DAY ON TEST: 502

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Mediastinum	Fibrosis	Mild
	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
Penis			
Note: TO CONFIRM HISTOPATHOLOGICALLY.			
Note: TGL#1-NCL:CLINICAL CONDITION WHICH IS DIFFICULT			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	Pinna	Sarcoma	
[Sarcoma TGLS = 2-13]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 182	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 502 HISTO: 9101162
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Forestomach [Hyperplasia TGLS = 4-6+14] [Inflammation TGLS = 4-6]	Epithelium	Hyperplasia Inflammation	Mild Necrotizing, Marked
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 183

TRT#: 7

SEX: Male

DAY ON TEST: 664

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7,1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration Hyperplasia Karyomegaly	Fatty, Minimal Minimal Minimal
* Adrenal Medulla		Hyperplasia Pheochromocytoma Benign	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy Fibrosis	Marked Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
* Liver	Hepatocyte	Nephropathy Degeneration Eosinophilic Focus	Chronic, Moderate Cystic, Moderate
	Bile Duct	Hyperplasia Leukemia Mononuclear	Moderate
[Degeneration TGLS = 4-4]			
[Eosinophilic Focus TGLS = 4-4]			
[Hyperplasia TGLS = 4-4]			
[Leukemia Mononuclear TGLS = 5-13]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 184	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101164
ORGAN AND ACCOUNTABLE SITE STATUS			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 4-1]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Polyarteritis	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 185	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101165
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186

TRT#: 7

SEX: Male

DAY ON TEST: 667

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Epididymis
* Intestine Large, Rectum
* Islets, Pancreatic
* Pancreas
* Skin
* Testes
* Urinary Bladder

* Blood Vessel
* Esophagus
* Intestine Small, Duodenum
* Lung
* Parathyroid Gland
* Spleen
* Thymus

* Bone
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone Marrow
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Seminal Vesicle
* Stomach, Glandular
* Trachea

OBSERVATIONS

* Adrenal Cortex
* Brain

* Heart
* Kidney

Degeneration
Compression
Hydrocephalus
Cardiomyopathy
Leukemia Mononuclear
Nephropathy

Fatty, Minimal

Mild
Chronic, Mild

Chronic, Moderate

[Nephropathy TGLS = 3-1]

* Liver

Bile Duct

Congestion
Hyperplasia
Inflammation

Mild
Mild
Chronic, Minimal

[Congestion TGLS = 2-4]

* Mammary Gland

Hyperplasia

Cystic, Marked

[Hyperplasia TGLS = 1-12]

* Nose

Inflammation

Chronic Active, Minimal

* Pituitary Gland

Pars Distalis
Pars Distalis
Pars Distalis

Adenoma
Angiectasis
Pigmentation

Moderate
Hemosiderin, Mild

[Adenoma TGLS = 4-7]

* Preputial Gland

Inflammation

Chronic Active, Mild

* Prostate

Inflammation

Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 186	TRT#: 7	SEX: Male	DAY ON TEST: 667
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101166

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: NEPHROPATHY, MONONUCLEAR CELL LEUKEMIA.
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA, CHRONIC

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187

TRT#: 7

SEX: Male

DAY ON TEST: 558

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* 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	* Preputial Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 3-1]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 1-10]			
* Thyroid Gland	Follicle	Cyst	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 187	TRT#: 7	SEX: Male	DAY ON TEST: 558
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101167

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric	Sinus	Ectasia	Moderate
[Ectasia TGLS = 6-14]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Moderate
Note: ASSOCIATED WITH HAIR FOREIGN BODY.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 188	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101168
ORGAN AND ACCOUNTABLE SITE STATUS			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	Inguinal, Subcut Tiss	Sarcoma	
	SOA-No Mass	Ulcer	Mild
[Sarcoma TGLS = 2-12]			
[Ulcer TGLS = 1-10]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13]			
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Hyperplasia	Nodular, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 189	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101169
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-10]	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 190

TRT#: 7

SEX: Male

DAY ON TEST: 642

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-12]			
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PREPUTIAL GLD CARCINOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 1-1]			
* Testes		Polyarteritis	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 191	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101171
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192	TRT#: 7	SEX: Male	DAY ON TEST: 691
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	Ear
* Esophagus	* 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
Penis	* Prostate	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Nephropathy	Chronic, Mild
		Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Mild
Note: ASSOCIATED WITH HAIR FOREIGN BODY.			
Penis			
Note: TGL#1-12-NCL:PENIS CONSIDERED TO BE WNL			
Note: HISTOPATHOLOGICALLY.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Skin	Prepuce	Inflammation	Suppurative, Moderate
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 192	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 691 HISTO: 9101172
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibrosis TGLS = 3-13]			
[Leukemia Mononuclear TGLS = 2-13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 193

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	SOA-No Mass	Acanthosis	Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 194

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Salivary Glands
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Mammary Gland
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Epididymis
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Skin
* Thymus

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Parathyroid Gland
* Spleen
* Thyroid Gland

OBSERVATIONS

* Heart
* Kidney
* Liver
* Lung
* Pancreas
* Pituitary Gland
* Preputial Gland
* Prostate
* Testes

Alveolus
Artery
Pars Distalis

Interstit Cell

Cardiomyopathy
Nephropathy
Inflammation
Infiltration Cellular
Inflammation
Hyperplasia
Inflammation
Inflammation
Hyperplasia

Chronic, Minimal
Chronic, Minimal
Chronic, Minimal
Mononuclear CI, Minimal
Chronic Active, Moderate
Mild
Chronic Active, Minimal
Chronic Active, Mild
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 195	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Hyperplasia	Nodular, Mild
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101175
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* 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	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
Note: TGL#4:EVIDENCE OF FOCUS NOT SEEN ON SLIDE #03.			
[Hyperplasia TGLS = 4-14]			
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	Head	Basosquamous Tumor Benign	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 196	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101176

ORGAN AND ACCOUNTABLE SITE STATUS

Note: SURFACE OF TUMOR WAS ULCERATED. [Basosquamous Tumor Benign TGLS = 1-13]	
* Testes	Polyarteritis
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 197

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Esophagus
* Intestine Small, Ileum
* Nose
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Intestine Large, Cecum
* Intestine Small, Jejunum
* Parathyroid Gland
* Stomach, Glandular
* Urinary Bladder

* Bone
* Intestine Large, Colon
* Lymph Node, Mandibular
* Salivary Glands
* Thymus

* Bone Marrow
* Intestine Small, Duodenum
* Lymph Node, Mesenteric
* Spleen
* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex

* Brain

* Epididymis
* Heart
* Intestine Large, Rectum
* Islets, Pancreatic
* Kidney
* Liver

Bile Duct

[Basophilic Focus TGLS = 4-12]

* Lung
* Mammary Gland
* Pancreas

Alveolus

* Pituitary Gland

Acinus
Artery
Pars Distalis
Pars Distalis
Pars Distalis

[Adenoma TGLS = 3-7]

* Preputial Gland

Duct

Degeneration
Hyperplasia
Compression
Hydrocephalus
Atrophy
Cardiomyopathy
Parasite Metazoan
Adenoma
Nephropathy
Basophilic Focus
Hyperplasia
Inflammation

Infiltration Cellular
Hyperplasia
Atrophy
Inflammation
Adenoma
Angiectasis
Pigmentation

Dilatation
Inflammation

Fatty, Mild
Mild

Mild
Marked
Chronic, Mild

Chronic, Moderate

Minimal
Chronic, Minimal

Mononuclear CI, Minimal
Cystic, Mild
Mild
Chronic Active, Mild

Moderate
Hemosiderin, Mild

Moderate
Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	TRT#: 7	SEX: Male	DAY ON TEST: 731
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101177
ORGAN AND ACCOUNTABLE SITE STATUS			
[Dilatation TGLS = 1-10]			
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Moderate
* Skin	SOA-No Mass	Acanthosis	Minimal
	SOA-No Mass	Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 198

TRT#: 7

SEX: Male

DAY ON TEST: 459

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* 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	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 1-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10]			
[Hyperplasia TGLS = 2-10]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 199

TRT#: 7

SEX: Male

DAY ON TEST: 558

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea

OBSERVATIONS

* Adrenal Cortex		Necrosis	Coagulative, Mild
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Atrophy	Marked
		Mesothelioma Nos	
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Small, Duodenum		Mesothelioma Nos	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Mesothelioma Nos	
[Mesothelioma Nos TGLS = 3-13]			
* Pancreas		Mesothelioma Nos	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Moderate
		Mesothelioma Nos	
* Seminal Vesicle		Atrophy	Marked
		Mesothelioma Nos	
Skeletal Muscle		Mesothelioma Nos	
* Skin	SOA-No Mass	Acanthosis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	TRT#: 7	SEX: Male	DAY ON TEST: 558
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101179
ORGAN AND ACCOUNTABLE SITE STATUS			
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 5-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Nos	
[Adenoma TGLS = 2-10]			
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Mesothelioma Nos	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MESOTHELIOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 200

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Small, Jejunum		Mast Cell Tumor Malignant	
[Mast Cell Tumor Malignant TGLS = 3-12]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 201

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Mammary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

* Blood Vessel
* Epididymis
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Skin
* Testes
* Urinary Bladder

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Parathyroid Gland
* Spleen
* Thymus

OBSERVATIONS

* Heart
* Kidney
* Liver
* Lung
* Pancreas
* Pituitary Gland
* Preputial Gland
* Prostate

Alveolus
Acinus
Pars Distalis

Cardiomyopathy
Nephropathy
Inflammation
Infiltration Cellular
Atrophy
Hyperplasia
Inflammation
Inflammation

Chronic, Minimal
Chronic, Mild
Chronic, Minimal
Mononuclear CI, Minimal
Mild
Mild
Chronic Active, Minimal
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 202

TRT#: 7

SEX: Male

DAY ON TEST: 617

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Brain		Astrocytoma Nos	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
* Preputial Gland		Inflammation	Chronic Active, Minimal
[Inflammation TGLS = 2-10]			
* Prostate		Inflammation	Chronic Active, Mild
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-12]			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gl			
Note: HISTOPATHOLOGICALLY.			
Note: TGL#4,5-7-NCL:THYROID GLDS CONSIDERED TO BE WNL			
* Urinary Bladder		Inflammation	Hemorrhagic, Mild
[Inflammation TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 202	TRT#: 7	SEX: Male	DAY ON TEST: 617
	DOSE: 125 MG/KG	DISP: Natural Death	HISTO: 9101182

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:ASTROCYTOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 203

TRT#: 7

SEX: Male

DAY ON TEST: 563

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 204

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Seminif Tub	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Atrophy TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 205

TRT#: 7

SEX: Male

DAY ON TEST: 684

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* 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
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206

TRT#: 7

SEX: Male

DAY ON TEST: 424

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-4]		
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-14]		
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 4-14]		
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
		Necrosis	Coagulative, Marked
	[Leukemia Mononuclear TGLS = 1,2-12+13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 206	TRT#: 7	SEX: Male	DAY ON TEST: 424
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101186

ORGAN AND ACCOUNTABLE SITE STATUS			
[Necrosis TGLS = 1-12]			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	-
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Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 207

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Necrosis	Coagulative, Minimal
[Leukemia Mononuclear TGLS = 2-4+13]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Hyperplasia	Cystic, Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 208	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101188
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[Leukemia Mononuclear TGLS = 1-12]			
* Testes	Interstit Cell Interstit Cell	Adenoma Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: ONLY ONE ADRENAL GLD AVAILABLE FOR HISTO-			
Animal Note: PATHOLOGICAL EXAMINATION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 209

TRT#: 7

SEX: Male

DAY ON TEST: 670

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 2-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Necrotizing, Mild
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:CHRONIC NEPHROPATHY.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 210

TRT#: 7

SEX: Male

DAY ON TEST: 502

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 211

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* 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	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone	Femur	Cyst	
* Epididymis		Mesothelioma Nos	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	SOA-No Mass	Acanthosis	Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
		Mesothelioma Nos	

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 212

TRT#: 7

SEX: Male

DAY ON TEST: 729

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4+13]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	TRT#: 7	SEX: Male	DAY ON TEST: 729
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101192
ORGAN AND ACCOUNTABLE SITE STATUS			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Note: ASSOCIATED WITH HAIR FOREIGN BODY.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	SOA-Mass	Keratoacanthoma	
[Keratoacanthoma TGLS = 1-14]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12]			
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 213	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101193
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 214

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Mammary Gland
* Salivary Glands
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Epididymis
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pancreas
* Skin
* Thymus

OBSERVATIONS

* Heart
* Kidney
* Liver
* Lung

* Pituitary Gland
* Preputial Gland
* Prostate
* Testes

Alveolus

Pars Distalis

Interstit Cell
Interstit Cell

Cardiomyopathy
Nephropathy
Inflammation
Infiltration Cellular
Inflammation
Hyperplasia
Inflammation
Inflammation
Adenoma
Hyperplasia

Chronic, Minimal
Chronic, Mild
Chronic, Minimal
Mononuclear Cl, Minimal
Chronic Active, Minimal
Mild
Chronic Active, Mild
Chronic Active, Minimal

Minimal

[Adenoma TGLS = 1-10]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 215	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 649 HISTO: 9101195
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 1-1]			
* Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CHRONIC NEPHROPATHY.

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA,

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	TRT#: 7	SEX: Male	DAY ON TEST: 456
	DOSE: 125 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9101196
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Pancreas		Inflammation	Subacute, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217

TRT#: 7

SEX: Male

DAY ON TEST: 731

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Esophagus
* 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	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Mild
* Epididymis		Atrophy	Moderate
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
[Basophilic Focus TGLS = 6-4]			
* Mammary Gland		Hyperplasia	Cystic, Marked
		Inflammation	Chronic Active, Moderate
		Inflammation	Proliferative, Moderate
[Hyperplasia TGLS = 4,5-13+14]			
* Nose		Inflammation	Chronic Active, Mild
Note: ASSOCIATED WITH HAIR FOREIGN BODY.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 217	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101197
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 3-7] * Preputial Gland * Prostate * Testes [Adenoma TGLS = 2-10]	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
		Inflammation	Chronic Active, Mild
		Inflammation	Chronic Active, Moderate
	Bilateral, Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 218	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101198
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration Hyperplasia Hypertrophy	Fatty, Mild Mild Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Adenoma	
* Kidney [Nephropathy TGLS = 3-1]		Nephropathy	Chronic, Marked
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia Inflammation Mixed Cell Focus	Mild Chronic, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Basophilic Focus TGLS = 7-15] [Degeneration TGLS = 6-15]			
* Mammary Gland [Hyperplasia TGLS = 1,2-12+13]		Hyperplasia	Cystic, Marked
* Pancreas	Acinus	Hyperplasia	Nodular, Moderate
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Pigmentation	Multiple Mild Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:40

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 218	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101198
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 4-14]			
* Testes		Polyarteritis	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	TRT#: 7	SEX: Male	DAY ON TEST: 546
	DOSE: 125 MG/KG	DISP: Natural Death	HISTO: 9101199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING			
* Mammary Gland			

OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Necrosis	Coagulative, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 1-4]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Marked
* Stomach, Forestomach		Inflammation	Necrotizing, Marked
* Testes		Polyarteritis	

PRIMARY CAUSE OF DEATH	-
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Animal Note: NECROTIZING GASTRITIS.

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 220	TRT#: 7	SEX: Male	DAY ON TEST: 642
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
	Atrium	Thrombosis	
[Thrombosis TGLS = 3-4]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 221

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-15]			
* Nose		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 6-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101201
ORGAN AND ACCOUNTABLE SITE STATUS			
* Skin	SOA-No Mass	Acanthosis	Minimal
	Abdominal, Ventral	Keratoacanthoma	
[Keratoacanthoma TGLS = 1-14]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 7-10]			
* Thymus		Developmental Malformation	
[Developmental Malformation TGLS = 5-13]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 222

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 223

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 6-1]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4+12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 7-14]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101203
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Moderate
		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 5-15]			
[Leukemia Mononuclear TGLS = 8-13]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2,3-10]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 224	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 444 HISTO: 9101204
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Small, Ileum		Fibrous Histiocytoma	Metastatic (Spleen)
[Fibrous Histiocytoma TGLS = 3-6]			
* Intestine Small, Jejunum		Fibrous Histiocytoma	Metastatic (Spleen)
[Fibrous Histiocytoma TGLS = 3-6]			
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Parathyroid Gland		Cyst	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Fibrous Histiocytoma	Metastatic (Spleen)
[Fibrous Histiocytoma TGLS = 1-12]			
* Spleen		Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 2-13]			
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH -			
Animal Note: WITH METASTASES TO SM INTESTINE & SKIN.			
Animal Note: CAUSE OF MORBIDITY:SPLenic FIBROUS HISTIOCYTOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 225

TRT#: 7

SEX: Male

DAY ON TEST: 404

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-12]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 226	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 562 HISTO: 9101206
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Marked
[Ulcer TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 227

TRT#: 7

SEX: Male

DAY ON TEST: 543

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Blood Vessel	* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 2-12]			
* Nose		Fungus	
		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 1-7]	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101208
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* 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
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Mild
[Ulcer TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 228	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101208
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 2-10] * Thyroid Gland	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 229

TRT#: 7

SEX: Male

DAY ON TEST: 665

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Brain		Compression	
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Marked
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[Adenoma TGLS = 1-10]			
[Atrophy TGLS = 2-10]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 230	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 579 HISTO: 9101210
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Bone Marrow		Hyperplasia	Marked
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Marked
[Ulcer TGLS = 2-12]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 230	TRT#: 7	SEX: Male	DAY ON TEST: 579
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101210

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 231

TRT#: 7

SEX: Male

DAY ON TEST: 456

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland		Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:40
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 232

TRT#: 7

SEX: Male

DAY ON TEST: 572

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Skin	Neck, Ventral	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-12]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 2-13]			

PRIMARY CAUSE OF DEATH

-

Animal Note: PITUITARY GLD ADENOMA.

Animal Note: CAUSE OF MORBIDITY:ZYMBALS GLD CARCINOMA,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 233

TRT#: 7

SEX: Male

DAY ON TEST: 572

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2,3,4,5,6,7-6+13+14+15+16+17]			
[Leukemia Mononuclear TGLS = 2,3,4,5,6,7-6+13+14+15+16+17]			
[Leukemia Mononuclear TGLS = 2,3,4,5,6,7-6+13+14+15+16+17]			
[Leukemia Mononuclear TGLS = 2,3,4,5,6,7-6+13+14+15+16+17]			
[Leukemia Mononuclear TGLS = 2,3,4,5,6,7-6+13+14+15+16+17]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2,3,4,5,6,7-6+13+14+15+16+17]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	TRT#: 7	SEX: Male	DAY ON TEST: 572
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101213
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 2,3,4,5,6,7-6+13+14+15+16+17]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
* Thymus		Leukemia Mononuclear	
Note: THYMUS IN B17			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 234

TRT#: 7

SEX: Male

DAY ON TEST: 722

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Epididymis	* Esophagus
* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone	Maxilla	Abscess	Moderate
	Maxilla	Fibrosis	Marked
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 2-1]			
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:41

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 234	TRT#: 7	SEX: Male	DAY ON TEST: 722
	DOSE: 125 MG/KG	DISP: Natural Death	HISTO: 9101214
ORGAN AND ACCOUNTABLE SITE STATUS			
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Hyperplasia	Minimal
		Polyarteritis	
PRIMARY CAUSE OF DEATH	-		
Animal Note: NEPHROPATHY,MONONUCLEAR CELL LEUKEMIA.			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA, CHRONIC			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 235	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 688 HISTO: 9101215
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 7-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 8-14]			
* Pituitary Gland	Pars Distalis	Infarct	Marked
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Chronic Active, Mild
[Dilatation TGLS = 2,3-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 235	TRT#: 7	SEX: Male	DAY ON TEST: 688
	DOSE: 125 MG/KG	DISP: Natural Death	HISTO: 9101215
ORGAN AND ACCOUNTABLE SITE STATUS			
[Inflammation TGLS = 2,3-12]			
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Mild
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-13]			
* Spleen		Leukemia Mononuclear	
		Necrosis	Coagulative, Marked
[Leukemia Mononuclear TGLS = 5-13]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Necrotizing, Moderate
		Leukemia Mononuclear	
[Inflammation TGLS = 9-6]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10]			
PRIMARY CAUSE OF DEATH		-	
Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236

TRT#: 7

SEX: Male

DAY ON TEST: 535

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-13]			
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 1-12]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Marked
[Inflammation TGLS = 4-14]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 236	TRT#: 7	SEX: Male	DAY ON TEST: 535
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101216

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 237

TRT#: 7

SEX: Male

DAY ON TEST: 718

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Mild
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-1]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
Note: MANDIBULAR LYMPH NODE IN B05.			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	TRT#: 7	SEX: Male	DAY ON TEST: 718
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101217
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 5-7] * Preputial Gland * Prostate * Spleen [Leukemia Mononuclear TGLS = 2-13] * Testes	Pars Distalis	Pigmentation	Hemosiderin, Mild
		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
		Inflammation	Chronic Active, Moderate
		Leukemia Mononuclear	
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA,			
Animal Note: PITUITARY GLD ADENOMA, CHRONIC NEPHROPATHY.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 238	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 690 HISTO: 9101218
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atrophy	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose		Inflammation	Chronic Active, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 5-7]			
[Angiectasis TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Atrophy	Moderate
* Skin	Dermis, SOA-No Mass	Fibrosis	Marked
[Fibrosis TGLS = 3,4-12]			
* Testes	Interstitial Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[Adenoma TGLS = 2-10]			
[Atrophy TGLS = 1-10]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:41

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 238	TRT#: 7	SEX: Male	DAY ON TEST: 690
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101218

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 239

TRT#: 7

SEX: Male

DAY ON TEST: 730

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:41

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 239	TRT#: 7	SEX: Male	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101219
ORGAN AND ACCOUNTABLE SITE STATUS			
* Preputial Gland		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240

TRT#: 7

SEX: Male

DAY ON TEST: 645

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* 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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Marked
* Epididymis		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 4-1]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 2-1]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 240	TRT#: 7 DOSE: 125 MG/KG	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: 645 HISTO: 9101220
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Leukemia Mononuclear Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 5-7]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Mild Necrotizing, Moderate
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		
Animal Note: MONONUCLEAR CELL LEUKEMIA.			
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA,			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 663 HISTO: 9101101
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Clitoral Gland			
OBSERVATIONS			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
	Atrium	Thrombosis	
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Cyst	
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 3,4-11]			
[Leukemia Mononuclear TGLS = 2,4-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 241	TRT#: 2	SEX: Female	DAY ON TEST: 663
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9101101

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 242

TRT#: 2

SEX: Female

DAY ON TEST: 636

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9101102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear Necrosis	Coagulative, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear Hemorrhage	Minimal
* Heart		Leukemia Mononuclear Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 6-11] [Leukemia Mononuclear TGLS = 3-4]			
* Lung	Alveolus	Infiltration Cellular Leukemia Mononuclear	Mononuclear CI, Minimal
* Lymph Node	Mediastinal Pancreatic	Leukemia Mononuclear Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5-6+12] [Leukemia Mononuclear TGLS = 4,5-6+12]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,5-6+12]			
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	TRT#: 2	SEX: Female	DAY ON TEST: 636
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9101102
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibroadenoma TGLS = 1-14]		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 7-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-13]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 243

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101104
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			
MISSING			
* Thymus	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Leukemia Mononuclear	Fatty, Mild Mild
* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Basophilic Focus Hyperplasia Leukemia Mononuclear	Minimal
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Leukemia Mononuclear	
* Ovary		Hematocyst	
[Hematocyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 244	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101104
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Spleen		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
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: 730 HISTO: 9101105
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Brain		Compression	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 246

TRT#: 2

SEX: Female

DAY ON TEST: 567

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Brain		Compression	
		Hemorrhage	Mild
		Hydrocephalus	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
		Inflammation	Chronic Active, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate

[Adenoma TGLS = 1-7]

* Urin Bladder

Note: URINARY BLADDER IN B10.

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 247

TRT#: 2

SEX: Female

DAY ON TEST: 699

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9101107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Islets, Pancreatic

* Lung

* Lymph Node, Mandibular

* Lymph Node, Mesenteric

* Ovary

* Pancreas

* Parathyroid Gland

* Salivary Glands

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Thymus

* Thyroid Gland

* Trachea

* Urinary Bladder

* Uterus

OBSERVATIONS

* Kidney

Nephropathy

Chronic, Minimal

* Liver

Hepatodiaphragmatic Nodule

[Hepatodiaphragmatic Nodule TGLS = 1-11]

* Mammary Gland

Hyperplasia

Cystic, Mild

* Nose

Inflammation

Chronic Active, Minimal

* Pituitary Gland

Pars Distalis

Cyst

[Cyst TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 248	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101108
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Marked
[Fibroadenoma TGLS = 2,3-11+13]			
[Hyperplasia TGLS = 1-12]			
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 249	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101109
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Note: TGL#2-4-NCL:LIVER NODULES, NOTED AT TRIM, NOT Note: APPARENT HISTOPATHOLOGICALLY.			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	TRT#: 2	SEX: Female	DAY ON TEST: 457
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9101110
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pancreas	Duct	Ectasia	Mild
* Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 251

TRT#: 2

SEX: Female

DAY ON TEST: 466

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Compression Hemorrhage Hydrocephalus Inflammation	Mild Mild Chronic Active, Moderate
* Clitoral Gland [Inflammation TGLS = 2-10]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia Inflammation	Minimal Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular Inflammation	Mononuclear CI, Minimal Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Pigmentation	Marked Hemosiderin, Mild
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 252	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101112
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Brain		Compression	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Skin	Inguinal	Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 253

TRT#: 2

SEX: Female

DAY ON TEST: 674

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9101113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland [Inflammation TGLS = 2-10]		Inflammation	Chronic Active, Moderate
* Esophagus Note: ESOPHAGEAL PERFORATION(RUPTURE),NOTED AT Note: ADJACENT TO AREA OF PERFORATION(RUPTURE). Note: CONSIDERED TO MOST PROBABLY BE POST MORTEM IN Note: NATURE - NO HOST INFLAMMATORY RESPONSE NOTED Note: NECROPSY,CONFIRMED HISTOPATHOLOGICALLY,BUT [Perforation TGLS = 3-2]		Perforation	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland [Fibroadenoma TGLS = 1-11]		Fibroadenoma Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:CERVICAL MAMMARY GLD FIBROADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 254

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
Note: TGL#2-11-NCL:NODULE, NOTED AT TRIM, NOT APPARENT			
Note: HISTOPATHOLOGICALLY.			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 255

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lung
* Ovary
* Skin
* Thymus
* Uterus

OBSERVATIONS

* Heart
* Kidney
* Liver
* Lym Node Mand
 Note: MANDIBULAR LYMPH NODE IN B05.
* Mammary Gland
* Pituitary Gland

Pars Distalis
Pars Distalis

Cardiomyopathy
Nephropathy
Inflammation

Hyperplasia
Cyst
Hyperplasia

Chronic, Minimal
Chronic, Minimal
Chronic, Minimal

Cystic, Mild

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	TRT#: 2	SEX: Female	DAY ON TEST: 542
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9101116
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 257

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
Note: MANDIBULAR LYMPH NODE IN B05.			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:41

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 257	TRT#: 2	SEX: Female	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101117
ORGAN AND ACCOUNTABLE SITE STATUS			
[Leukemia Mononuclear TGLS = 1,3-11+12]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-13]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	TRT#: 2	SEX: Female	DAY ON TEST: 338
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9101118
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 259

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Intermed	Cyst	
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 674 HISTO: 9101120
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Lymph Node, Mandibular			
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 261

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
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: 729 HISTO: 9101122
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 2-11]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Moderate
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
[Cyst TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 263

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Ovary
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Clear Cell Focus	
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Cyst TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			
* Skin	Head	Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264

TRT#: 2

SEX: Female

DAY ON TEST: 719

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration Hypertrophy Leukemia Mononuclear	Fatty, Mild Moderate
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
* Liver		Basophilic Focus Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung	Alveolus	Infiltration Cellular Inflammation Leukemia Mononuclear	Mononuclear CI, Minimal Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Angiectasis	Moderate
[Adenoma TGLS = 2-7]			
Skeletal Muscle		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-11]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 264	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 9101124
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ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
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Animal Note: MONONUCLEAR CELL LEUKEMIA, PITUITARY GLD ADENOMA.

Animal Note: CAUSE OF MORBIDITY:HEMANGIOSARCOMA, RT. FORELIMB,

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	TRT#: 2	SEX: Female	DAY ON TEST: 710
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101125
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Clitoral Gland			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Cyst TGLS = 2-7]			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: CAUSE OF MORBIDITY:MAMMARY GLD FIBROADENOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	TRT#: 2	SEX: Female	DAY ON TEST: 457
	DOSE: 0 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9101126
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine 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			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 267	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101127
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
* Clitoral Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-10]			
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-11]			
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
[Cyst TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
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: 731 HISTO: 9101128
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-1]			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 4-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Craniophar Dct, Pars Distalis	Cyst	
[Adenoma TGLS = 2-7]			
* Spleen	Red Pulp	Atrophy	Moderate
[Atrophy TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Marked
* Stomach, Glandular		Inflammation	Necrotizing, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 269

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 270	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101130
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Spleen		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 271	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101131
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Inflammation	Necrotizing, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Spleen		Leukemia Mononuclear	
* Uterus	Lumen	Hemorrhage	Marked
		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:41

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 271	TRT#: 2	SEX: Female	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101131

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 2-11]
[Polyp Stromal TGLS = 2-10]
PRIMARY CAUSE OF DEATH
-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 272

TRT#: 2

SEX: Female

DAY ON TEST: 718

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Salivary Glands	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral GI			
Note: NOT APPARENT HISTOLOGICALLY.			
Note: TGL#3-10-NCL:CLITORAL GLD CONSIDERED TO BE WNL			
Note: HISTOPATHOLOGICALLY. NODULE, NOTED AT NECROPSY,			
* Heart		Leukemia Mononuclear	
	Atrium	Thrombosis	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Inflammation	Suppurative, Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11]			
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	TRT#: 2	SEX: Female	DAY ON TEST: 718
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101132
ORGAN AND ACCOUNTABLE SITE STATUS			
* Pituitary Gland	Pars Distalis	Cyst	
		Leukemia Mononuclear	
[Cyst TGLS = 6-7]			
* Skin	Subcut Tiss	Neurofibrosarcoma	
[Neurofibrosarcoma TGLS = 2-12]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13]			
* Stomach, Forestomach		Inflammation	Necrotizing, Marked
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 7-14]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 273

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Thyroid Gland

OBSERVATIONS

* Heart
* Kidney
* Liver
* Lung
* Mammary Gland
* Pituitary Gland

Alveolus

Pars Distalis

Cardiomyopathy
Nephropathy
Inflammation
Infiltration Cellular
Hyperplasia
Cyst

Chronic, Minimal
Chronic, Minimal
Chronic, Minimal
Mononuclear CI, Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 274

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Brain		Compression	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Necrosis	Coagulative, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 275

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 276

TRT#: 2

SEX: Female

DAY ON TEST: 593

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-12]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Moderate
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:CLITORAL GLAND CARCINOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 277

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 691 HISTO: 9101138
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 3-10]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
* Liver		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 278	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 691 HISTO: 9101138
ORGAN AND ACCOUNTABLE SITE STATUS			
[Cyst TGLS = 5-7]			
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[Leukemia Mononuclear TGLS = 1-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 279

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9101139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Fibroadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 582 HISTO: 9101140
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Mild
* Clitoral Gland	Duct	Dilatation	Marked
[Dilatation TGLS = 1-10]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Moderate
		Inflammation	Chronic Active, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Skin	Face	Abscess	Marked
[Abscess TGLS = 2-11]			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

Animal Note: CONSIDERED TO BE WNL HISTOPATHOLOGICALLY.

Animal Note: TGL#5-7-NCL:ADRENAL GLANDS WERE CONGESTED BUT

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 280	TRT#: 2	SEX: Female	DAY ON TEST: 582
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9101140

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101141
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Clitoral Gland	Duct	Dilatation Inflammation	Moderate Chronic Active, Mild
[Dilatation TGLS = 1-10]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Atrophy	Marked
		Granulosa Cell Tumor Malignant	
[Granulosa Cell Tumor Malignant TGLS = 2-11]			
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 281	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101141
ORGAN AND ACCOUNTABLE SITE STATUS			
* Uterus		Hyperplasia	Cystic, Glandular, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 282

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular	Minimal Mononuclear CI, Minimal
* Mammary Gland		Fibroadenoma Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Pigmentation	Moderate Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Skin	SOA-No Mass Epidermis, SOA-No Mass SOA-No Mass SOA-No Mass	Acanthosis Erosion Inflammation Ulcer	Mild Moderate Chronic Active, Mild Multiple, Moderate

Note: SKIN PAINT AREA-CLIPPER INJURY NOTED CLINICALLY.

[Ulcer TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 283

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver			
Note: HISTOPATHOLOGICALLY.			
Note: TGL#1-NCL:NODULE,NOTED AT TRIM,NOT APPARENT			
* Lung	Alveolus	Infiltration Cellular Inflammation	Mononuclear CI, Minimal Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 284

TRT#: 2

SEX: Female

DAY ON TEST: 639

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9101144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Moderate
	SOA-No Mass	Ulcer	Multiple, Marked

Note: SKIN PAINT AREA-CLIPPER INJURY NOTED CLINICALLY.

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 285	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 390 HISTO: 9101145
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* 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	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Mammary Gland		Hyperplasia	Cystic, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	TRT#: 2	SEX: Female	DAY ON TEST: 713
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9101146
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH			
-			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-12]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 287	TRT#: 2	SEX: Female	DAY ON TEST: 731
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101147

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 288

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic Active, Mild
* Mammary Gland		Hyperplasia	Cystic, Marked
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 2-7]			
* Skin	Face	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 289	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101149
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* 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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
Mesentery	Fat	Inflammation	Necrotizing, Mild
[Inflammation TGLS = 2-11]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Mild
[Carcinoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	TRT#: 2	SEX: Female	DAY ON TEST: 634
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 9101150
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* 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
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
Note: MAMMARY GLD TISSUE IN B10.			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 291	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101151
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Ovary
* Pancreas	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Leukemia Mononuclear	Fatty, Minimal Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
[Leukemia Mononuclear TGLS = 3-1]			
* Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Mild
[Leukemia Mononuclear TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular Inflammation Leukemia Mononuclear	Mononuclear Cl, Minimal Chronic Active, Mild
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	TRT#: 2	SEX: Female	DAY ON TEST: 730
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101151
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Skin	Inguinal	Acanthosis	Minimal
	Inguinal	Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 292

TRT#: 2

SEX: Female

DAY ON TEST: 457

DOSE: 0 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Ovary		Cyst	
[Cyst TGLS = 1-10]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 293

TRT#: 2

SEX: Female

DAY ON TEST: 671

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9101153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral 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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Esophagus		Perforation	
Note: OF PERFORATION(RUPTURE).			
Note: CONFIRMED HISTOPATHOLOGICALLY, BUT CONSIDERED TO			
Note: MOST PROBABLY TO BE POST MORTEM IN NATURE - NO			
Note: HOST INFLAMMATORY RESPONSE NOTED ADJACENT TO AREA			
Note: ESOPHAGEAL PERFORATION(RUPTURE),NOTED AT NECROPSY,			
[Perforation TGLS = 1-2]			
* Kidney		Nephropathy	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 294

TRT#: 2

SEX: Female

DAY ON TEST: 638

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9101154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Angiectasis TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

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Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
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: 710 HISTO: 9101155
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery	Fat	Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 296	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101156
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Eosinophilic Focus TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: TGL#1-7-NCL:CYST,SEEN AT NECROPSY, NOT APPARENT			
Note: HISTOPATHOLOGICALLY.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 297	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 9101157
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Carcinoma	
[Carcinoma TGLS = 2-11+12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Cyst TGLS = 3-7]			
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CLITORAL GLD CARCINOMA, BILATERAL.

Animal Note: CAUSE OF MORBIDITY:MAMMARY GLD FIBROADENOMA,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 298

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Compression	
		Necrosis	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1,3-11+12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 299

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 3,4-12+13]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
[Hyperplasia TGLS = 5-3]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 300

TRT#: 2

SEX: Female

DAY ON TEST: 555

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 9101160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver		Necrosis	Coagulative, Mild
[Necrosis TGLS = 4-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Leiomyoma	
		Polyp Stromal	
[Leiomyoma TGLS = 3-11]			
[Polyp Stromal TGLS = 2-12]			

PRIMARY CAUSE OF DEATH

-

Animal Note: UTERINE POLYP.

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA, MASSIVE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 301	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101461
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
OBSERVATIONS			
* Clitoral Gland		Hyperplasia Inflammation	Mild Chronic Active, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus Clear Cell Focus Inflammation	
* Lung		Inflammation	Chronic, Minimal Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation Inflammation	Suppurative, Mild Chronic Active, Mild
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Pigmentation	Moderate Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 302	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101462
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4+12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 4-7]			
* Skin	SOA-No Mass	Acanthosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:41

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 302	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101462
ORGAN AND ACCOUNTABLE SITE STATUS			
	SOA-No Mass	Inflammation	Chronic Active, Marked
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-13]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 303	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101463
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Leukemia Mononuclear	Fatty, Minimal Minimal
[Leukemia Mononuclear TGLS = 4-7]			
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
* Liver		Nephropathy	Chronic, Minimal
		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Lung	Alveolus	Infiltration Cellular Leukemia Mononuclear	Mononuclear CI, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 5-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	TRT#: 4	SEX: Female	DAY ON TEST: 729
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101463
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 2-7] * Skin	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Ulcer TGLS = 1-12] * Spleen	SOA-No Mass	Ulcer	Multiple, Moderate
		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 304	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101464
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Brain		Compression Hydrocephalus Hyperplasia Nephropathy Basophilic Focus Inflammation Mixed Cell Focus Infiltration Cellular	Mild Mild Chronic, Mild Chronic, Minimal
* Clitoral Gland		Adenoma Fibroadenoma Hyperplasia	Mononuclear CI, Minimal Cystic, Minimal
* Kidney			
* Liver			
* Lung	Alveolus		
* Mammary Gland			
[Fibroadenoma TGLS = 1-11+12]			
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Pigmentation	Marked Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	TRT#: 4	SEX: Female	DAY ON TEST: 434
	DOSE: 63 MG/KG	DISP: Natural Death	HISTO: 9101465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Liver		Inflammation	Necrotizing, Marked
* Lung		Inflammation	Necrotizing, Marked
* Lymph Node, Mandibular		Inflammation	Necrotizing, Marked
* Pituitary Gland	Pars Distalis	Cyst	
[Cyst TGLS = 1-7]			

PRIMARY CAUSE OF DEATH	-
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Animal Note: UNDETERMINED.

Animal Note: HEPATITIS,AND LYMPHADENITIS. ETIOLOGY

Animal Note: CAUSE OF DEATH:NECROTIZING BRONCHOPNEUMONIA,

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	TRT#: 4	SEX: Female	DAY ON TEST: 504
	DOSE: 63 MG/KG	DISP: Natural Death	HISTO: 9101466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH	-
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 307	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101467
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* 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
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Angiectasis	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Metaplasia	Osseous, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	Inguinal	Acanthosis	Mild
	SOA-No Mass	Acanthosis	Mild
	Inguinal	Inflammation	Chronic Active, Minimal
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Mild
[Ulcer TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Brain		Compression	
		Hydrocephalus	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 708

DOSE: 63 MG/KG

DISP: Natural Death

HISTO: 9101469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-7]			
* Brain		Compression	
* Clitoral Gland		Adenoma	
* Intestine Large, Colon		Parasite Metazoan	
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 443

DOSE: 63 MG/KG

DISP: Natural Death

HISTO: 9101470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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	* Uterus		

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
[Angiectasis TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 311

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Trachea

* Adrenal Medulla
* Brain
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

* Blood Vessel
* Esophagus
* Intestine Small, Duodenum
* Kidney
* Nose
* Salivary Glands
* Stomach, Glandular
* Uterus

* Bone
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thymus

OBSERVATIONS

* Clitoral Gland
* Heart
* Liver

* Lung
* Pituitary Gland
[Cyst TGLS = 1-7]
* Thyroid Gland

Bile Duct

Alveolus
Pars Distalis

C Cell

Inflammation
Cardiomyopathy
Hyperplasia
Inflammation
Infiltration Cellular
Cyst

Hyperplasia

Chronic Active, Minimal
Chronic, Minimal
Minimal
Chronic, Minimal
Mononuclear CI, Minimal

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 312

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Skin
* Thymus
* Uterus

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Ovary
* Spleen
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Blood Vessel
Note: AORTA ON B04.

* Kidney
* Liver

* Lung

* Mammary Gland
* Nose
* Pancreas
* Pituitary Gland

Bile Duct
Alveolus

Acinus
Pars Distalis

Nephropathy
Basophilic Focus
Hyperplasia
Infiltration Cellular
Inflammation
Fibroadenoma
Inflammation
Atrophy
Hyperplasia

Chronic, Minimal

Minimal
Mononuclear CI, Minimal
Chronic Active, Minimal

Chronic Active, Minimal
Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 313

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Thymus
* Uterus

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Skin
* Thyroid Gland

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Trachea

* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Glandular
* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex

* Heart
* Kidney
* Liver

* Lung

Alveolus

* Mammary Gland
* Pituitary Gland

Pars Distalis
Pars Distalis
Pars Distalis
Pars Distalis

[Adenoma TGLS = 1-7]

* Stomach, Forestomach

Note: [PAPILLOMA SQUA] TGLs = 2-6

Degeneration
Hyperplasia
Cardiomyopathy
Nephropathy
Angiectasis
Basophilic Focus
Infiltration Cellular
Inflammation
Hyperplasia
Adenoma
Angiectasis
Cyst
Pigmentation

Squamous Cell Papilloma

Fatty, Minimal
Mild
Chronic, Minimal
Chronic, Mild
Minimal

Mononuclear CI, Minimal
Chronic Active, Minimal
Cystic, Mild

Mild

Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 314	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101474
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Leukemia Mononuclear	Fatty, Minimal Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
* Liver		Basophilic Focus Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 4-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 314	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101474
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 315	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101475
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-11]			
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 316

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Small, Duodenum
* Lung
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thymus
* Uterus

* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex
* Heart
* Intestine Large, Rectum
* Kidney
* Liver
* Lym Node Mand

Note: MANDIBULAR LYMPN NODE IN B05.

* Pituitary Gland

Pars Distalis
Pars Distalis

Degeneration
Cardiomyopathy
Parasite Metazoan
Nephropathy
Inflammation

Cyst
Hyperplasia

Fatty, Mild
Chronic, Minimal

Chronic, Minimal
Chronic, Minimal

Mild

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 317

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 318

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Atrophy TGLS = 2,3-11]			
[Cataract TGLS = 1-11]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 319

TRT#: 4

SEX: Female

DAY ON TEST: 595

DOSE: 63 MG/KG

DISP: Natural Death

HISTO: 9101479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Skin
* Thymus
* Uterus

* Bone
* Heart
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Thyroid Gland

* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Adrenal Cortex

Degeneration
Hyperplasia

Fatty, Mild
Mild

* Brain

Compression

* Kidney

Nephropathy

Chronic, Mild

* Liver

Kupffer Cell

Hypertrophy

Moderate

* Lung

Alveolus

Infiltration Cellular

Mononuclear CI, Minimal

* Mammary Gland

Hyperplasia

Cystic, Mild

* Pituitary Gland

Pars Distalis

Adenoma

Marked

Pars Distalis

Angiectasis

Marked

Pars Distalis

Pigmentation

Hemosiderin, Mild

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 320

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 321	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 715 HISTO: 9101481
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-7]			
* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Mild
* Brain		Compression	
* Heart	Atrium	Thrombosis	
[Thrombosis TGLS = 5-4]			
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Hepatodiaphragmatic Nodule	
Note: WNL HISTOPATHOLOGICALLY.			
Note: TGL#2-4-NCL:OTHER THAN HDN,LIVER CONSIDERED TO BE			
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
* Lung	Perivascular	Edema	Moderate
	Alveolus	Infiltration Cellular	Mononuclear Cl, Moderate
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 6-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:41

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 321	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 715 HISTO: 9101481
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation Erosion	Mild Necrotizing, Moderate Mild
* Stomach, Glandular [Erosion TGLS = 7-12]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:ATRIAL THROMBOSIS WITH ASSOCIATED			
Animal Note: GENERALIZED PULMONARY EDEMA.			
Animal Note: COMPROMISE OF PULMONARY CIRCULATION AND			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 322	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101482
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland	Duct	Dilatation	Marked
		Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Dilatation TGLS = 1-13]			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
[Fibroadenoma TGLS = 3-12]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 323

TRT#: 4

SEX: Female

DAY ON TEST: 579

DOSE: 63 MG/KG

DISP: Natural Death

HISTO: 9101483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE ALSO IN B05.			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	TRT#: 4	SEX: Female	DAY ON TEST: 536
	DOSE: 63 MG/KG	DISP: Natural Death	HISTO: 9101484
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Cyst TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 325	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 664 HISTO: 9101485
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Cyst TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			
* Skin	SOA-No Mass	Acanthosis	Minimal
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 326	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: 457 HISTO: 9101486
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Mild
[Ulcer TGLS = 2-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 327

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Skin
* Thymus
* Uterus

* Blood Vessel
* Esophagus
* Intestine Small, Duodenum
* Liver
* Pancreas
* Spleen
* Thyroid Gland

* Bone
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Clitoral Gland
* Heart
* Kidney
* Lung
* Mammary Gland
* Nose
* Pituitary Gland

Alveolus

Nasolacrim Dct
Pars Distalis
Pars Distalis

Inflammation
Cardiomyopathy
Nephropathy
Infiltration Cellular
Hyperplasia
Inflammation
Cyst
Hyperplasia

Chronic Active, Minimal
Chronic, Minimal
Chronic, Minimal
Mononuclear Cl, Minimal
Cystic, Mild
Suppurative, Mild

Mild

[Cyst TGLS = 1-7]

[Hyperplasia TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 328	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101488
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Moderate
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 4-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
[Angiectasis TGLS = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Moderate
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Erosion TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 329	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101489
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 2-13]			
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
[Fibroadenoma TGLS = 3-11]			
* Nose		Inflammation	Chronic Active, Mild
Note: ASSOCIATED WITH HAIR FOREIGN BODY.			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Skin	SOA-No Mass	Acanthosis	Moderate
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 329	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101489
ORGAN AND ACCOUNTABLE SITE STATUS			
[Ulcer TGLS = 1-12]	SOA-No Mass	Ulcer	Multiple, Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 330	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 600 HISTO: 9101490
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Hyperplasia	Mild
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Nephropathy	Chronic, Minimal
		Hyperplasia	Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hyperplasia TGLS = 3-4]			
[Leukemia Mononuclear TGLS = 5-4]			
[Mixed Cell Focus TGLS = 3,4-4+12]			
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Cyst	
[Cyst TGLS = 1-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Necrotizing, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:41

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 330	TRT#: 4	SEX: Female	DAY ON TEST: 600
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101490
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 6-13]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 331	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101491
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Bone		Osteopetrosis	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Marked
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 332

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	TRT#: 4	SEX: Female	DAY ON TEST: 673
	DOSE: 63 MG/KG	DISP: Natural Death	HISTO: 9101493
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
MISSING			
* Clitoral Gland			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Moderate
[Ulcer TGLS = 1-11]			
* Spleen		Infiltration Cellular	Lipocyte, Mild
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 334	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 691 HISTO: 9101494
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
	Atrium	Leukemia Mononuclear	
[Thrombosis TGLS = 3-7]		Thrombosis	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 691 HISTO: 9101494
ORGAN AND ACCOUNTABLE SITE STATUS			
	Pars Distalis	Hyperplasia Leukemia Mononuclear	Mild
[Cyst TGLS = 5-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
* Stomach, Forestomach		Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 6-12]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 6-12]			
* Uterus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 335

TRT#: 4

SEX: Female

DAY ON TEST: 649

DOSE: 63 MG/KG

DISP: Natural Death

HISTO: 9101495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Esophagus	* 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	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Mild
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 1-10]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 336	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101496
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 1,2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 337

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Skin
* Thymus
* Uterus

* Blood Vessel
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Thyroid Gland

* Bone
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Clitoral Gland
* Heart
* Kidney
* Liver
* Lung

* Mammary Gland
* Pituitary Gland

Alveolus

Pars Distalis

Inflammation
Cardiomyopathy
Nephropathy
Inflammation
Infiltration Cellular
Inflammation
Hyperplasia
Cyst

Chronic Active, Minimal
Chronic, Minimal
Chronic, Minimal
Chronic, Mild
Mononuclear CI, Minimal
Chronic Active, Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 338	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101498
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 339	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101499
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Bone		Osteopetrosis	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Angiectasis	Minimal
	Bile Duct	Basophilic Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	
[Cyst TGLS = 1-7]			
* Spleen		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 340	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 727 HISTO: 9101500
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Moderate
* Brain		Compression	
* Heart		Schwannoma Benign	
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: FOLLICULAR CELL CARCINOMA.			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA,THYROID GLD			
Animal Note: MYOCARDIAL BGN SCHWANNOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 341	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 678 HISTO: 9101501
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-10]			
* Heart		Schwannoma Malignant	
* Kidney	Renal Tubule	Adenoma	
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Lymph Node	Mediastinal	Schwannoma Malignant	Metastatic (Heart)
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Spleen		Leukemia Mononuclear	
* Thymus	Mediastinum	Schwannoma Malignant	Metastatic (Heart)
[Schwannoma Malignant TGLS = 4-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 341	TRT#: 4	SEX: Female	DAY ON TEST: 678
	DOSE: 63 MG/KG	DISP: Natural Death	HISTO: 9101501

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:MALIGNANT SCHWANNOMA HEART WITH
Animal Note: METASTASIS TO MEDIASTINUM, BLOOD VESSEL RUPTURE
Animal Note: MONONUCLEAR CELL LEUKEMIA.
Animal Note: WITH RESULTING HEMORRHAGE INTO THORACIC CAVITY.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 342	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101502
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Thymus			
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 3-13]			
[Fibroadenoma TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Skin	Inguinal	Keratoacanthoma	
[Keratoacanthoma TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 343	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101503
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 2-10]			
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Clear Cell Focus TGLS = 3-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gl			
Note: TGL#4-7-NCL:FOCUS,NOTED AT NECROPSY,NOT APPARENT			
Note: HISTOPATHOLOGICALLY.			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	TRT#: 4	SEX: Female	DAY ON TEST: 662
	DOSE: 63 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101504
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	Ear	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: ONLY ONE ADRENAL GLD AVAILABLE FOR			
Animal Note: HISTOPATHOLOGICAL EXAMINATION.			
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 345	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101505
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Inflammation	Necrotizing, Marked
[Inflammation TGLS = 1-11]			
* Nose		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Craniophar Dct, Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 346

TRT#: 4

SEX: Female

DAY ON TEST: 562

DOSE: 63 MG/KG

DISP: Natural Death

HISTO: 9101506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 347

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	TRT#: 4	SEX: Female	DAY ON TEST: 457
	DOSE: 63 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9101508
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Intermed	Cyst	
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 349	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 699 HISTO: 9101509
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Clitoral Gland	* Esophagus	* 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	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Bone	Maxilla	Abscess	Mild
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			
Animal Note: MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 350

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 351	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 400 HISTO: 9101511
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 352

TRT#: 4

SEX: Female

DAY ON TEST: 576

DOSE: 63 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
* Skin			
Note: TGL#1-11-NCL:SKIN CRUST(SOANM),NOTED AT NECROPSY,			
Note: NOT APPARENT HISTOPATHOLOGICALLY. SKIN CONSIDERED			
Note: TO BE WNL.			
* Stomach, Forestomach		Inflammation	Necrotizing, Moderate
[Inflammation TGLS = 3-13]			
* Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 2-12]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:ZYMBALS GLD CARCINOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 353	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101513
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
	Atrium	Thrombosis	
[Thrombosis TGLS = 5-4]			
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
		Necrosis	Coagulative, Mild
[Leukemia Mononuclear TGLS = 4-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
* Ovary		Cyst	
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 6-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:41

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 353	TRT#: 4	SEX: Female	DAY ON TEST: 731
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101513
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen	Leukemia Mononuclear		
[Leukemia Mononuclear TGLS = 3-1]			
* Thymus	Leukemia Mononuclear		
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 354	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101514
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 355	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101515
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Esophagus
* 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
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone		Osteopetrosis	Moderate
* Brain		Compression	
		Hydrocephalus	Moderate
* Clitoral Gland		Adenoma	
		Hyperplasia	Mild
[Adenoma TGLS = 1-11]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Mild
[Eosinophilic Focus TGLS = 5-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-12]			
* Ovary		Cyst	
[Cyst TGLS = 3-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:41

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 355	TRT#: 4	SEX: Female	DAY ON TEST: 729
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101515
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 4-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 356

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 2-6]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 357

TRT#: 4

SEX: Female

DAY ON TEST: 583

DOSE: 63 MG/KG

DISP: Natural Death

HISTO: 9101517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
 Eye
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
 Harderian Gland
* Intestine Small, Duodenum
* Lung
* Pancreas
* Skin
* Thymus
* Uterus

* Blood Vessel
* Clitoral Gland
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pituitary Gland
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Heart
* Kidney
* Liver

Bile Duct

* Mammary Gland
* Nose

Nasolacrim Dct

Cardiomyopathy
Nephropathy
Basophilic Focus
Hyperplasia
Inflammation
Hyperplasia
Inflammation

Chronic, Minimal
Chronic, Minimal

Minimal
Chronic, Minimal
Cystic, Mild
Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 358

TRT#: 4

SEX: Female

DAY ON TEST: 457

DOSE: 63 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thymus
* Uterus

OBSERVATIONS

* Heart
* Kidney
* Liver

Bile Duct

* Lung
* Pituitary Gland

Alveolus
Pars Distalis

Cardiomyopathy
Nephropathy
Hyperplasia
Inflammation
Infiltration Cellular
Cyst

Chronic, Minimal
Chronic, Minimal
Minimal
Chronic, Minimal
Mononuclear CI, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 359	TRT#: 4 DOSE: 63 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101519
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration Hyperplasia	Fatty, Mild Mild
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression Hydrocephalus	Mild
* Clitoral Gland		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear Nephropathy	Chronic, Mild
* Liver		Basophilic Focus Hepatodiaphragmatic Nodule Inflammation Leukemia Mononuclear	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-12]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:41

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 359	TRT#: 4	SEX: Female	DAY ON TEST: 729
	DOSE: 63 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101519
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 360

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 63 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Stomach, Glandular
* Uterus

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Skin
* Thyroid Gland

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Trachea

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex

Degeneration
Hyperplasia
Nephropathy
Basophilic Focus

Fatty, Minimal
Mild
Chronic, Mild

* Kidney
* Liver

Note: HISTOPATHOLOGICALLY.

Note: TGL#1-4-NCL:NODULE,NOTED AT TRIM, NOT APPARENT

* Lung
* Mammary Gland
* Pituitary Gland

Alveolus

Infiltration Cellular
Hyperplasia
Angiectasis
Cyst
Hyperplasia
Pigmentation

Mononuclear Cl, Minimal
Cystic, Mild
Mild
Mild
Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 361

TRT#: 6

SEX: Female

DAY ON TEST: 544

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* 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	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 362

TRT#: 6

SEX: Female

DAY ON TEST: 725

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Skin	SOA-No Mass	Acanthosis	Minimal
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 3-11]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 362	TRT#: 6	SEX: Female	DAY ON TEST: 725
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101342

ORGAN AND ACCOUNTABLE SITE STATUS			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA,
Animal Note: PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	TRT#: 6	SEX: Female	DAY ON TEST: 714
	DOSE: 125 MG/KG	DISP: Natural Death	HISTO: 9101343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Uterus		

MISSING			
* Thymus			

OBSERVATIONS			
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-11]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	-
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 364

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Note: NOT APPARENT HISTOPATHOLOGICALLY.			
Note: TGL#3-12-NCL:SMALL,RED FOCUS,NOTED AT NECROPSY,			
[Eosinophilic Focus TGLS = 4-13]			
[Hyperplasia TGLS = 4-13]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
Note: ASSOCIATED WITH HAIR FOREIGN BODY.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
* Skin	SOA-No Mass	Acanthosis	Minimal
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Mild
[Ulcer TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 364	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101344

ORGAN AND ACCOUNTABLE SITE STATUS	
* Uterus	Polyp Stromal
[Polyp Stromal TGLS = 2-10]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101345
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Ovary
* Pancreas	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration Hyperplasia Inflammation	Fatty, Minimal Mild
* Clitoral Gland		Cardiomyopathy	Chronic Active, Minimal
* Heart		Nephropathy	Chronic, Minimal
* Kidney		Basophilic Focus	Chronic, Mild
* Liver	Bile Duct	Hepatodiaphragmatic Nodule Hyperplasia Inflammation	Minimal Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular Hyperplasia Inflammation	Mononuclear CI, Minimal Cystic, Minimal Chronic Active, Mild
* Mammary Gland		Cyst	
* Nose		Adenoma	
* Parathyroid Gland	Pars Distalis	Angiectasis	Mild
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Angiectasis TGLS = 3-7]			
* Skin	SOA-No Mass Inguinal	Acanthosis Inflammation	Mild Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 365	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101345
ORGAN AND ACCOUNTABLE SITE STATUS			
[Inflammation TGLS = 1-11]	SOA-No Mass	Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 366	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101346
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* 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	* Ovary
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Moderate
[Ulcer TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	TRT#: 6	SEX: Female	DAY ON TEST: 457
	DOSE: 125 MG/KG	DISP: Scheduled Sacrifice	HISTO: 829101347
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Blood Vessel			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 368	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Brain		Compression	
		Hydrocephalus	Mild
* Clitoral Gland	Duct	Dilatation	Moderate
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 3-11]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 368	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101348
ORGAN AND ACCOUNTABLE SITE STATUS			
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Mild
[Ulcer TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 369

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Thyroid Gland

OBSERVATIONS

* Heart
* Kidney
* Liver

Cardiomyopathy
Nephropathy
Hepatodiaphragmatic Nodule
Inflammation

Chronic, Minimal
Chronic, Minimal
Chronic, Minimal

[Hepatodiaphragmatic Nodule TGLS = 1-11]

* Lung
* Mammary Gland
* Pituitary Gland

Alveolus

Pars Distalis
Pars Distalis

Infiltration Cellular
Hyperplasia
Cyst
Hyperplasia

Mononuclear CI, Minimal
Cystic, Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:41
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 370	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 639 HISTO: 9101350
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-12]			
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 5-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	TRT#: 6	SEX: Female	DAY ON TEST: 457
	DOSE: 125 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9101351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Mild
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 2-12]			
* Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 372	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 648 HISTO: 9101352
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Clitoral Gland [Dilatation TGLS = 4-10]	Duct	Dilatation	Mild
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland [Fibroadenoma TGLS = 1,2-11+12]		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Minimal
* Pituitary Gland [Adenoma TGLS = 3-7]	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Pigmentation	Multiple Moderate Hemosiderin, Mild
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA,			
Animal Note: MAMMARY GLD FIBROADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 373

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Mild
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 374	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 700 HISTO: 9101354
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 2-12]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
[Cyst TGLS = 4-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-10]			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 374	TRT#: 6	SEX: Female	DAY ON TEST: 700
	DOSE: 125 MG/KG	DISP: Natural Death	HISTO: 9101354

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: HISTOPATHOLOGICAL EXAMINATION.
Animal Note: ONLY ONE ADRENAL GLD AVAILABLE FOR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 375	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101355
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Inflammation	Fatty, Moderate Minimal Chronic Active, Minimal
* Clitoral Gland		Nephropathy	Chronic, Minimal
* Kidney		Basophilic Focus	
* Liver		Hyperplasia	Marked
* Lung	Alveolar Epith Alveolus	Infiltration Cellular Hyperplasia Cyst	Mononuclear CI, Minimal Cystic, Mild
* Mammary Gland			
* Ovary			
[Cyst TGLS = 2-10]			
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis Pars Distalis	Angiectasis Cyst Hyperplasia Pigmentation	Mild
* Skin	SOA-No Mass SOA-No Mass SOA-No Mass	Acanthosis Inflammation Ulcer	Moderate Hemosiderin, Mild Moderate Chronic Active, Moderate Multiple, Marked
[Ulcer TGLS = 1-11]			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 4-7]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 375	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101355
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 376

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 1-10]			
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 377

TRT#: 6

SEX: Female

DAY ON TEST: 600

DOSE: 125 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 1-11]			
* Mammary Gland		Hyperplasia	Cystic, Mild
Note: MAMMARY GLD IN B10.			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Thymus		Thymoma Benign	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 378

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
* Skin	SOA-No Mass	Acanthosis	Moderate
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-12]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	TRT#: 6	SEX: Female	DAY ON TEST: 673
	DOSE: 125 MG/KG	DISP: Natural Death	HISTO: 9101359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* 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
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

OBSERVATIONS			
* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
Note: MAMMARY GLD TISSUE ON B12.			
[Fibroadenoma TGLS = 2-12]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			
* Urinary Bladder		Leiomyoma	
[Leiomyoma TGLS = 3-12]			

PRIMARY CAUSE OF DEATH	-
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Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 379	TRT#: 6	SEX: Female	DAY ON TEST: 673
	DOSE: 125 MG/KG	DISP: Natural Death	HISTO: 9101359

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 380

TRT#: 6

SEX: Female

DAY ON TEST: 399

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2,3-12+13]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			
* Spleen	Red Pulp	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 381	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 619 HISTO: 9101361
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
Ear	Pinna	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Heart		Cardiomyopathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
[Leukemia Mononuclear TGLS = 4,5-4+13]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
[Leukemia Mononuclear TGLS = 4,5-4+13]			
* Mammary Gland		Leukemia Mononuclear	
[Fibroadenoma TGLS = 3-14]			
* Pituitary Gland	Pars Distalis	Fibroadenoma	Cystic, Mild
[Adenoma TGLS = 2-7]			
* Spleen	Pars Distalis	Hyperplasia	
[Leukemia Mononuclear TGLS = 6-12]			
PRIMARY CAUSE OF DEATH			
-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 381	TRT#: 6	SEX: Female	DAY ON TEST: 619
	DOSE: 125 MG/KG	DISP: Natural Death	HISTO: 9101361

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA,
Animal Note: PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 382	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101362
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia Hypertrophy	Fatty, Minimal Mild Mild
Eye	Retina	Atrophy	Marked
[Cataract TGLS = 1-12]	Lens	Cataract	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular Inflammation	Mononuclear CI, Minimal Chronic Active, Minimal
* Mammary Gland		Fibroadenoma Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 3-11]			
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Cyst	Mild
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 383	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101363
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 2-10]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	Inguinal	Inflammation	Chronic Active, Minimal
	SOA-No Mass	Inflammation	Chronic Active, Moderate
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			
* Thyroid Gland	Follicle	Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 384	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 4-6]			
* Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 3-1]			
* Liver		Angiectasis	Moderate
		Basophilic Focus	
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Angiectasis TGLS = 5-13]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-11]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101364
ORGAN AND ACCOUNTABLE SITE STATUS			
[Adenoma TGLS = 6-7] * Skin	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Mild
[Ulcer TGLS = 1-12] * Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 385

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Karyomegaly	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
* Thymus		Granuloma	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 386	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: 457 HISTO: 9101366
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Skin	SOA-No Mass	Acanthosis	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Moderate

[Ulcer TGLS = 1,2-11+12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	TRT#: 6	SEX: Female	DAY ON TEST: 457
	DOSE: 125 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9101367
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Liver	Bile Duct	Basophilic Focus	Minimal
		Hyperplasia	Chronic, Minimal
		Inflammation	Mononuclear CI, Minimal
* Lung	Alveolus	Infiltration Cellular	Mild
* Skin	SOA-No Mass	Acanthosis	Chronic Active, Mild
	SOA-No Mass	Inflammation	Multiple, Moderate
	SOA-No Mass	Ulcer	
[Ulcer TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 388	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Scheduled Sacrifice	DAY ON TEST: 457 HISTO: 9101368
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	
[Cyst TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Minimal
[Ulcer TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 389

TRT#: 6

SEX: Female

DAY ON TEST: 222

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* 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

* Esophagus
Note: LACERATION CONSIDERED TO BE IATROGENIC, PROBABLY
Note: TGL#3-11-NCL:HISTOPATHOLOGICALLY,ESOPHAGEAL
Note: MADE BY PROSECTOR AT NECROPSY.

* Liver	Hepatodiaphragmatic Nodule
[Hepatodiaphragmatic Nodule TGLS = 2-4]	
* Ovary	Cyst
[Cyst TGLS = 1-10]	

PRIMARY CAUSE OF DEATH

-

Animal Note: COD:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 390

TRT#: 6

SEX: Female

DAY ON TEST: 670

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: WITH MAMMARY GLD. FIBROADENOMA.

Animal Note: CAUSE OF DEATH:UNDETERMINED; POSSIBLY ASSOCIATED

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 391

TRT#: 6

SEX: Female

DAY ON TEST: 691

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	Tissue NOS
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
Note: APPARENT INVASIVE/INFILTRATIVE GROWTH.			
[Adenoma TGLS = 2-7]			
[Cyst TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 391	TRT#: 6	SEX: Female	DAY ON TEST: 691
	DOSE: 125 MG/KG	DISP: Natural Death	HISTO: 9101371
ORGAN AND ACCOUNTABLE SITE STATUS			
	SOA-No Mass	Ulcer	Mild
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 392	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101372
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-11]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 393	TRT#: 6	SEX: Female	DAY ON TEST: 544
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Ovary	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild
[Leukemia Mononuclear TGLS = 3-12]			
[Pigmentation TGLS = 3-12]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Cyst TGLS = 4-7]			
[Hyperplasia TGLS = 4-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 393	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 544 HISTO: 9101373
ORGAN AND ACCOUNTABLE SITE STATUS			
[Ulcer TGLS = 1-11]	SOA-No Mass	Ulcer	Multiple, Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 394

TRT#: 6

SEX: Female

DAY ON TEST: 718

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
[Cyst TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Minimal
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 395	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101375
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration Hyperplasia Cardiomyopathy Parasite Metazoan	Fatty, Mild Mild Chronic, Minimal
* Heart		Nephropathy	Chronic, Mild
* Intestine Large, Rectum		Basophilic Focus	
* Kidney		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Alveolus	Adenoma Hyperplasia	Cystic, Mild
* Mammary Gland		Atrophy	Minimal
* Pancreas	Acinus	Angiectasis	Mild
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis Pars Distalis	Cyst Hyperplasia Pigmentation	Moderate Hemosiderin, Mild
[Angiectasis TGLS = 2-7] [Cyst TGLS = 2-7]			
* Skin	SOA-No Mass Epidermis, SOA-No Mass SOA-No Mass SOA-No Mass	Acanthosis Erosion Inflammation Ulcer	Moderate Moderate Chronic Active, Mild Multiple, Marked
[Ulcer TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 395	TRT#: 6	SEX: Female	DAY ON TEST: 731
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101375
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 396	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101376
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	Ear	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia	Fatty, Mild Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus Eosinophilic Focus	
	Bile Duct	Hyperplasia Inflammation	Minimal Chronic, Minimal
[Basophilic Focus TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular Inflammation	Mononuclear CI, Minimal Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Mild
[Ulcer TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 396	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101376
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 397

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Small, Duodenum
* Lung
* Ovary
* Spleen
* Thyroid Gland

* Blood Vessel
* Esophagus
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Bone
* Intestine Large, Cecum
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone Marrow
* Intestine Large, Colon
* Islets, Pancreatic
* Nose
* Skin
* Thymus

OBSERVATIONS

* Adrenal Cortex

* Clitoral Gland
* Heart
* Intestine Large, Rectum
* Kidney
* Liver

Bile Duct

* Mammary Gland
* Pancreas
* Pituitary Gland

Acinus
Pars Distalis
Pars Distalis
Pars Distalis

[Cyst TGLS = 1-7]

* Uterus

Degeneration
Hyperplasia
Inflammation
Cardiomyopathy
Parasite Metazoan
Nephropathy
Basophilic Focus
Hyperplasia
Inflammation
Hyperplasia
Atrophy
Cyst
Hyperplasia
Pigmentation

Polyp Stromal

Fatty, Minimal
Minimal
Chronic Active, Minimal
Chronic, Minimal

Chronic, Moderate

Minimal
Chronic, Minimal
Cystic, Mild
Mild

Mild
Hemosiderin, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 398	TRT#: 6	SEX: Female	DAY ON TEST: 710
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 3-10]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
[Cyst TGLS = 4-7]			
* Skin	SOA-No Mass	Acanthosis	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Marked
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 398	TRT#: 6	SEX: Female	DAY ON TEST: 710
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101378

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY:MAMMARY GLD FIBROADENOMA,

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 399

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Mammary Gland
* Skin
* Thymus
* Uterus

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Spleen
* Thyroid Gland

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex
* Heart
* Kidney
* Liver

* Lung
* Nose
* Pancreas
* Pituitary Gland

Nasolacrim Dct
Acinus
Pars Distalis
Pars Distalis

Degeneration
Cardiomyopathy
Nephropathy
Basophilic Focus
Inflammation
Inflammation
Inflammation
Atrophy
Cyst
Hyperplasia

Fatty, Minimal
Chronic, Minimal
Chronic, Minimal

Chronic, Mild
Chronic Active, Mild
Suppurative, Minimal
Minimal

Mild

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	TRT#: 6	SEX: Female	DAY ON TEST: 593
	DOSE: 125 MG/KG	DISP: Natural Death	HISTO: 9101380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH	-
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101381
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
OBSERVATIONS			
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 2-7]			
* Salivary Glands	Duct	Ectasia	Moderate
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]			
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 402	TRT#: 6	SEX: Female	DAY ON TEST: 477
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Necrosis	Coagulative, Mild
* Blood Vessel	Aorta	Polyarteritis	Chronic, Mild
	Mesent Artery	Polyarteritis	Chronic, Marked
[Polyarteritis TGLS = 3-13]			
[Polyarteritis TGLS = 3-13]			
* Bone Marrow		Hyperplasia	Marked
* Intestine Small, Jejunum		Necrosis	Coagulative, Marked
[Necrosis TGLS = 4-11]			
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
	Artery, Mediastinum	Polyarteritis	Chronic, Moderate
* Lym Node Mesen			
Note: MESENTERIC ARTERIES.			
* Lymph Node	Mediastinal, Sinus	Infiltration Cellular	Mononuclear CI, Moderate
[Infiltration Cellular TGLS = 2-2]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 402	TRT#: 6	SEX: Female	DAY ON TEST: 477
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101382

ORGAN AND ACCOUNTABLE SITE STATUS

[Acanthosis TGLS = 1-12]
[Inflammation TGLS = 1-12]

PRIMARY CAUSE OF DEATH -

Animal Note: JEJUNAL LESION IS CONSISTENT WITH SEGMENTAL
Animal Note: RESULTANT INFARCTION OF SEGMENT OF JEJUNUM.
Animal Note: CAUSE OF MORBIDITY:SYSTEMIC POLYARTERITIS WITH
Animal Note: INFARCTION SECONDARY TO POLYARTERITIS OF

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 403	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 719 HISTO: 9101383
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Mild
* Clitoral Gl			
Note: ONLY ONE CLITORAL GLD AVAILABLE FOR HISTO-			
Note: PATHOLOGICAL EXAMINATION.			
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 5-14]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1,2,3-11+12+13]			
* Nose		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 403	TRT#: 6	SEX: Female	DAY ON TEST: 719
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101383

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-7]	
* Spleen	Leukemia Mononuclear

PRIMARY CAUSE OF DEATH -

Animal Note: MONONUCLEAR CELL LEUKEMIA,MULTIPLE MAMMARY GLD.
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA,
Animal Note: FIBROADENOMAS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 404	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 484 HISTO: 9101384
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Adrenal Cortex		Degeneration Leukemia Mononuclear	Fatty, Mild
[Leukemia Mononuclear TGLS = 3-7]			
* Clitoral Gland	Duct	Dilatation Inflammation	Moderate Chronic Active, Minimal
[Dilatation TGLS = 2-10]			
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Angiectasis Cyst Hyperplasia Leukemia Mononuclear	Minimal Mild
* Spleen			
[Leukemia Mononuclear TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 405	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101385
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Moderate
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Moderate
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 405	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101385
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 406	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101386
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Degeneration Hyperplasia	Fatty, Minimal Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus Hepatodiaphragmatic Nodule Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Lung	Alveolus	Infiltration Cellular Inflammation Leukemia Mononuclear	Mononuclear Cl, Minimal Chronic Active, Minimal
* Mammary Gland		Fibroadenoma Hyperplasia	Multiple Cystic, Mild
[Fibroadenoma TGLS = 1-11]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Cyst Pigmentation	Mild Hemosiderin, Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 406	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101386
ORGAN AND ACCOUNTABLE SITE STATUS			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 407

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration Hyperplasia Inflammation	Fatty, Minimal Mild Chronic Active, Moderate
* Clitoral Gland [Inflammation TGLS = 1-13]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular Inflammation	Mononuclear CI, Minimal Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Cyst Hyperplasia	
* Thyroid Gland	C Cell	Hyperplasia	Mild Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	TRT#: 6	SEX: Female	DAY ON TEST: 724
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Inflammation	Chronic, Mild
[Inflammation TGLS = 3-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]			

PRIMARY CAUSE OF DEATH	-
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 409

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Minimal

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 410	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 631 HISTO: 9101390
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration Hypertrophy	Fatty, Moderate Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland [Dilatation TGLS = 1-10]	Duct	Dilatation	Moderate
* Kidney		Leukemia Mononuclear	
* Liver	Bile Duct	Nephropathy Hyperplasia	Chronic, Mild Mild
	Hepatocyte	Leukemia Mononuclear Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 3-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 410	TRT#: 6	SEX: Female	DAY ON TEST: 631
	DOSE: 125 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101390
ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Necrotizing, Moderate
[Hyperplasia TGLS = 5-12]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 411

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Bone		Osteopetrosis	Moderate
* Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
* Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 4-12]			
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 3-4]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 411	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101391
ORGAN AND ACCOUNTABLE SITE STATUS			
[Ulcer TGLS = 1-11]	SOA-No Mass	Ulcer	Multiple, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 412

TRT#: 6

SEX: Female

DAY ON TEST: 728

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Perivascular	Inflammation	Chronic Active, Moderate
* Pancreas	Perivascular	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 413

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Small, Duodenum
* Liver
* Ovary
* Skin
* Thymus
* Uterus

OBSERVATIONS

* Heart
* Kidney

[Cyst TGLS = 2-11]
* Lung
* Mammary Gland
* Pituitary Gland

Cortex

Alveolus

Pars Distalis
Pars Distalis

Cardiomyopathy
Cyst
Nephropathy

Infiltration Cellular
Hyperplasia
Adenoma
Cyst

Chronic, Minimal

Chronic, Minimal

Mononuclear CI, Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 414	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101394
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	Blood	* Blood Vessel
* Bone	* Bone Marrow	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Angiectasis	Mild
	Bile Duct	Basophilic Focus	
		Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Angiectasis TGLS = 2-11]			
[Basophilic Focus TGLS = 1-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 415	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101395
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
* Lymph Node, Mandibular [Ectasia TGLS = 1-7]	Sinus	Ectasia	Marked
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Chronic Active, Mild
* Urinary Bladder	Transit Epithe	Papilloma	
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 416

TRT#: 6

SEX: Female

DAY ON TEST: 639

DOSE: 125 MG/KG

DISP: Natural Death

HISTO: 9101396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Eye [Atrophy TGLS = 1-11]	Retina	Atrophy	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 417	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* 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
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	
[Cyst TGLS = 3-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 417	TRT#: 6	SEX: Female	DAY ON TEST: 729
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101397
ORGAN AND ACCOUNTABLE SITE STATUS			
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 418

TRT#: 6

SEX: Female

DAY ON TEST: 457

DOSE: 125 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
[Cyst TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Moderate
	SOA-No Mass	Ulcer	Multiple, Moderate
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 419

TRT#: 6

SEX: Female

DAY ON TEST: 730

DOSE: 125 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 2-10]			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 419	TRT#: 6	SEX: Female	DAY ON TEST: 730
	DOSE: 125 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101399
ORGAN AND ACCOUNTABLE SITE STATUS			
[Ulcer TGLS = 1-11]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 420	TRT#: 6 DOSE: 125 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 574 HISTO: 9101400
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral 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	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Brain		Compression Hydrocephalus Lipoma	Mild
* Esophagus [Lipoma TGLS = 2-13]	Periesoph Tiss		
* Heart		Cardiomyopathy	Chronic, Minimal
* Liver	Bile Duct	Hepatodiaphragmatic Nodule Hyperplasia Inflammation	Minimal Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-12]			
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Cyst	Mild
[Adenoma TGLS = 1-7]			
* Skin	SOA-No Mass SOA-No Mass SOA-No Mass	Acanthosis Inflammation Ulcer	Moderate Chronic Active, Minimal Mild
[Ulcer TGLS = 4-11]			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 421	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 667 HISTO: 9101221
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Heart		Leukemia Mononuclear	
* Intestine Large, Cecum		Inflammation	Suppurative, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 421	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 667 HISTO: 9101221
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Fibrosis Leukemia Mononuclear	Mild
[Leukemia Mononuclear TGLS = 2-11]			
* Stomach, Forestomach		Inflammation	Necrotizing, Marked
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA;			
Animal Note: PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 422

TRT#: 8

SEX: Female

DAY ON TEST: 657

DOSE: 250 MG/KG

DISP: Natural Death

HISTO: 9101222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Moderate
		Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Mild
[Ulcer TGLS = 1-11]			
* Urin Bladder			
Note: URINARY BLADDER IN B07.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 422	TRT#: 8	SEX: Female	DAY ON TEST: 657
	DOSE: 250 MG/KG	DISP: Natural Death	HISTO: 9101222

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 423

TRT#: 8

SEX: Female

DAY ON TEST: 610

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart	Atrium	Thrombosis	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Minimal
[Inflammation TGLS = 3-11]			
[Ulcer TGLS = 3-11]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 423

TRT#: 8

SEX: Female

DAY ON TEST: 610

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101223

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 424

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Thyroid Gland

* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Adrenal Cortex

* Heart
* Kidney
* Liver

Degeneration
Hyperplasia
Cardiomyopathy
Nephropathy
Basophilic Focus
Inflammation
Infiltration Cellular

Fatty, Minimal
Minimal
Chronic, Minimal
Chronic, Minimal

Chronic, Minimal
Mononuclear CI, Minimal

* Lung
* Lym Node Mand
Note: MANDIBULAR LYMPH NODE IN B05.
* Mammary Gland
* Pituitary Gland

Alveolus

Pars Distalis
Pars Distalis

Hyperplasia
Angiectasis
Hyperplasia

Cystic, Mild
Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 425

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 250 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* 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	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Minimal
[Inflammation TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 426

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 250 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-11]			
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Moderate
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 427

TRT#: 8

SEX: Female

DAY ON TEST: 670

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Leukemia Mononuclear	
	Atrium	Thrombosis	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Leukemia Mononuclear	
		Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
Note: MAMMARY GLD ALSO IN B05.			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 427

TRT#: 8

SEX: Female

DAY ON TEST: 670

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101227

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

Animal Note: PITUITARY GLD ADENOMA.

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA;

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 428

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 250 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gl			
Note: TGL#1-7-NCL:PITUITARY GLD NODULE,NOTED AT NECROPSY			
Note: NOT APPARENT HISTOPATHOLOGICALLY.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	TRT#: 8	SEX: Female	DAY ON TEST: 457
	DOSE: 250 MG/KG	DISP: Scheduled Sacrifice	HISTO: 9101229
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Pituitary Gland	Pars Distalis	Cyst	
[Cyst TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 430	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 700 HISTO: 9101230
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* 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	* Ovary
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Moderate
* Brain		Compression	
		Hydrocephalus	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 430	TRT#: 8	SEX: Female	DAY ON TEST: 700
	DOSE: 250 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101230

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 431

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 250 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Small, Duodenum
* Kidney
* Ovary
* Skin
* Thymus
* Uterus

OBSERVATIONS

* Heart
* Liver
* Lung

Alveolus

* Mammary Gland
* Pituitary Gland

Pars Distalis

[Adenoma TGLS = 1-7]

Cardiomyopathy
Inflammation
Infiltration Cellular
Inflammation
Hyperplasia
Adenoma

Chronic, Minimal
Chronic, Mild
Mononuclear CI, Minimal
Chronic Active, Minimal
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 432

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 250 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thymus

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Urinary Bladder

* Bone
* Esophagus
* Intestine Small, Duodenum
* Kidney
* Nose
* Salivary Glands
* Stomach, Glandular
* Uterus

OBSERVATIONS

* Heart
* Liver
* Lung
* Pituitary Gland

Alveolus
Pars Distalis
Pars Distalis

Cardiomyopathy
Necrosis
Infiltration Cellular
Cyst
Hyperplasia

Chronic, Minimal
Coagulative, Mild
Mononuclear CI, Minimal

Mild

[Cyst TGLS = 1-7]

* Thyroid Gland

Follicular Cel

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 433	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101233
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* 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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Necrosis	Coagulative, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Ovary		Cyst	
[Cyst TGLS = 1-10]			
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 434

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]	SOA-No Mass	Ulcer	Minimal
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 435

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland	Duct	Dilatation Inflammation	Moderate Chronic Active, Moderate
[Dilatation TGLS = 2-10] [Inflammation TGLS = 2-10]			
* Kidney	Renal Tubule	Hyperplasia Nephropathy Basophilic Focus Inflammation	Minimal Chronic, Mild
* Liver			
* Lung	Alveolus	Infiltration Cellular Inflammation	Chronic, Minimal Mononuclear CI, Minimal Chronic Active, Mild
* Lym Node Mand Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Adenoma Angiectasis Pigmentation	Mild Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Skin	SOA-No Mass SOA-No Mass SOA-No Mass	Acanthosis Inflammation Ulcer	Mild Chronic Active, Mild Multiple, Marked
[Ulcer TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 435	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101235
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen [Fibrosis TGLS = 3-12]		Fibrosis	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 250 MG/KG	DISP: Natural Death	HISTO: 9101236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING			
* Parathyroid Gland			

OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Blood Vessel			
Note: AORTA IN B04.			
* Brain		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Eosinophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 2,4-12+13]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery	Perivascular	Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Minimal
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 436	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 250 MG/KG	DISP: Natural Death	HISTO: 9101236

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437

TRT#: 8

SEX: Female

DAY ON TEST: 353

DOSE: 250 MG/KG

DISP: Natural Death

HISTO: 9101237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Skin	SOA-No Mass	Acanthosis	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Moderate
	SOA-No Mass	Ulcer	Multiple, Marked
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	TRT#: 8	SEX: Female	DAY ON TEST: 633
	DOSE: 250 MG/KG	DISP: Natural Death	HISTO: 9101238
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
Note: MAMMARY GLD TISSUE IN B10.			
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 439

TRT#: 8

SEX: Female

DAY ON TEST: 463

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Skin	SOA-No Mass	Acanthosis	Mild
	Tail	Acanthosis	Mild
	Tail	Hyperkeratosis	Moderate
	Inguinal	Inflammation	Chronic Active, Mild
	SOA-No Mass	Inflammation	Chronic Active, Moderate
	Tail	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Marked

[Hyperkeratosis TGLS = 2-12]

[Inflammation TGLS = 1-11]

[Inflammation TGLS = 1-11]

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:SKIN LESION,SOANM.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 440

TRT#: 8

SEX: Female

DAY ON TEST: 439

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	
[Cyst TGSL = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Minimal
[Inflammation TGSL = 1-11]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGSL = 2-12]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 441	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101241
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* 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	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Minimal
[Ulcer TGLS = 1-11]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 442	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 690 HISTO: 9101242
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Mild
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
[Cyst TGLS = 2-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 442	TRT#: 8	SEX: Female	DAY ON TEST: 690
	DOSE: 250 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101242

ORGAN AND ACCOUNTABLE SITE STATUS			
* Stomach, Forestomach	Epithelium	Hyperplasia Inflammation	Moderate Necrotizing, Moderate

PRIMARY CAUSE OF DEATH	-
------------------------	---

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

Animal Note: PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 443	TRT#: 8	SEX: Female	DAY ON TEST: 524
	DOSE: 250 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2,3-4]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Mediastinum	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Lymph Node	Mediastinal	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
[Rhabdomyosarcoma TGLS = 5-13]			
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 6-7]			
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 4-11]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Mild
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Thymus		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 443	TRT#: 8	SEX: Female	DAY ON TEST: 524
	DOSE: 250 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101243

ORGAN AND ACCOUNTABLE SITE STATUS			
	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH	-
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Animal Note: CAUSE OF MORBIDITY:RHABDOMYOSARCOMA OF DIAPHRAGM

Animal Note: WITH METASTASES TO MESENTERY AND MEDIASTINUM.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 444

TRT#: 8

SEX: Female

DAY ON TEST: 389

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* 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
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow	Hyperplasia	Marked
* Clitoral Gland	Adenoma	
[Adenoma TGLS = 1-11]		
* Heart	Cardiomyopathy	Chronic, Minimal
* Kidney	Nephropathy	Chronic, Minimal
* Liver	Inflammation	Chronic, Minimal
* Mammary Gland	Hyperplasia	Cystic, Mild
* Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-12]		

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL#2-13-NCL:MEDIASTINAL LYMPH NODE CONSIDERED TO

Animal Note: BE WNL HISTOPATHOLOGICALLY.

Animal Note: CAUSE OF MORBIDITY:CLITORAL GLD ADENOMA..

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 445

TRT#: 8

SEX: Female

DAY ON TEST: 353

DOSE: 250 MG/KG

DISP: Natural Death

HISTO: 9101245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Thymus
* Uterus

* Adrenal Medulla
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Kidney
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Thyroid Gland

Blood
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Liver
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lung
* Nose
* Pituitary Gland
* Stomach, Glandular
* Urinary Bladder

OBSERVATIONS

* Skin

SOA-No Mass
SOA-No Mass
SOA-No Mass

Acanthosis
Inflammation
Ulcer

Mild
Chronic Active, Mild
Multiple, Mild

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 446

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 250 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-7]			
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Moderate
[Ulcer TGLS = 1-11]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 447

TRT#: 8

SEX: Female

DAY ON TEST: 713

DOSE: 250 MG/KG

DISP: Natural Death

HISTO: 9101247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Thyroid Gland

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lung
* Nose
* Pituitary Gland
* Stomach, Glandular
* Urinary Bladder

* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Thymus
* Uterus

OBSERVATIONS

* Adrenal Cortex
* Heart
* Kidney
* Liver

Bile Duct

* Skin
SOA-No Mass
Epidermis, SOA-No Mass
SOA-No Mass
SOA-No Mass

Degeneration
Cardiomyopathy
Nephropathy
Hyperplasia
Inflammation
Acanthosis
Erosion
Inflammation
Ulcer

Fatty, Minimal
Chronic, Minimal
Chronic, Mild
Minimal
Chronic, Minimal
Minimal
Moderate
Chronic Active, Mild
Multiple, Minimal

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 448

TRT#: 8

SEX: Female

DAY ON TEST: 588

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	Spinal Cord
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 1-12]			
[Leukemia Mononuclear TGLS = 1-12]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Peripheral Nerve	Myelin, Sciatic	Degeneration	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Marked
[Inflammation TGLS = 2-11]			
[Ulcer TGLS = 2-11]			
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Erosion	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 448

TRT#: 8

SEX: Female

DAY ON TEST: 588

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101248

ORGAN AND ACCOUNTABLE SITE STATUS

[Erosion TGLS = 3-6]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	TRT#: 8	SEX: Female	DAY ON TEST: 250
	DOSE: 250 MG/KG	DISP: Natural Death	HISTO: 9101249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING	
* Parathyroid Gland	

PRIMARY CAUSE OF DEATH	-
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Animal Note: COD:UNDETERMINED.

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 450

TRT#: 8

SEX: Female

DAY ON TEST: 631

DOSE: 250 MG/KG

DISP: Natural Death

HISTO: 9101250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 4-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Mild
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 450	TRT#: 8	SEX: Female	DAY ON TEST: 631
	DOSE: 250 MG/KG	DISP: Natural Death	HISTO: 9101250

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: CAUSE OF DEATH:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 451

TRT#: 8

SEX: Female

DAY ON TEST: 394

DOSE: 250 MG/KG

DISP: Natural Death

HISTO: 9101251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thymus
* Uterus

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Thyroid Gland

* Blood Vessel
* Clitoral Gland
* Intestine Large, Rectum
* Islets, Pancreatic
* Mammary Gland
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Bone
* Esophagus
* Intestine Small, Duodenum
* Liver
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

OBSERVATIONS

* Heart
* Kidney
* Lung

Alveolus

* Pituitary Gland

Pars Distalis
Pars Distalis

Cardiomyopathy
Nephropathy
Infiltration Cellular
Inflammation
Cyst
Hyperplasia

Chronic, Minimal
Chronic, Minimal
Mononuclear CI, Minimal
Chronic Active, Minimal

Mild

[Cyst TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 452

TRT#: 8

SEX: Female

DAY ON TEST: 459

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Minimal
[Fibroadenoma TGLS = 3,4-12+13+14]			
* Pancreas	Acinus	Atrophy	Mild
* Skin	Head	Acanthosis	Mild
	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	Head	Inflammation	Chronic Active, Mild
	SOA-No Mass	Inflammation	Chronic Active, Moderate
	SOA-No Mass	Ulcer	Multiple, Moderate
[Inflammation TGLS = 1-11,2-11]			
[Inflammation TGLS = 1-11,2-11]			
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:SKIN LESIONS,SOANM.

Animal Note: MULTIPLE MAMMARY GLD FIBROADENOMAS.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 453

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 250 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Mild
[Hepatodiaphragmatic Nodule TGLS = 3-12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Minimal
	SOA-No Mass	Ulcer	Multiple, Mild
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 454

TRT#: 8

SEX: Female

DAY ON TEST: 644

DOSE: 250 MG/KG

DISP: Natural Death

HISTO: 9101254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Moderate
	SOA-No Mass	Ulcer	Multiple, Mild

Note: FAILED TO PRODUCE ANY EVIDENCE OF A SKIN MASS

Note: WHICH THE TRIMMER CLAIMED TO SEE AT TRIM.

Note: TISSUE BY STUDY PATHOLOGIST AND ORIGINAL TRIMMER,

Note: TGL#2-12-NCL:RECUTS OF B12 AND EXAMINATION OF WET

Note: TGL#2-12-NCL:MASS, NOTED AT TRIM, NOT APPARENT

Note: HISTOPATHOLOGICALLY.

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 455

TRT#: 8

SEX: Female

DAY ON TEST: 617

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Medulloblastoma Nos	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular Inflammation	Mononuclear CI, Minimal Chronic Active, Minimal
* Lym Node Mand Note: MANDIBULAR LYMPH NODE IN B05.			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland [Hyperplasia TGLS = 2-7]	Pars Distalis	Hyperplasia	Mild
* Skin [Inflammation TGLS = 1-11]	SOA-No Mass SOA-No Mass	Acanthosis Inflammation	Mild Chronic Active, Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY: OLIGODENDROGLIOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 456	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 731 HISTO: 9101256
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 457

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 3-12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Moderate
[Ulcer TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 457	TRT#: 8	SEX: Female	DAY ON TEST: 731
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101257
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	TRT#: 8	SEX: Female	DAY ON TEST: 125
	DOSE: 250 MG/KG	DISP: Natural Death	HISTO: 9101258
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
MISSING			
* Adrenal Medulla	* Thymus		
OBSERVATIONS			
* Clitoral Gland		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH			
-			
Animal Note: COD:INABILITY TO EAT DUE TO CLINICAL MALOCCLUSION.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 459

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 250 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Moderate
[Ulcer TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 460	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101260
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* 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
* Ovary	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Moderate
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
[Basophilic Focus TGLS = 4-12]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Moderate
[Ulcer TGLS = 1-11]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 461	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 718 HISTO: 9101261
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	
		Hydrocephalus	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
[Fibroadenoma TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 4-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 461	TRT#: 8	SEX: Female	DAY ON TEST: 718
	DOSE: 250 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101261
ORGAN AND ACCOUNTABLE SITE STATUS			
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-13]			
* Thymus		Thymoma Malignant	
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 462	TRT#: 8	SEX: Female	DAY ON TEST: 730
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
		Inflammation	Chronic Active, Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
	Bile Duct	Eosinophilic Focus	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 3-12]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Ovary		Cyst	
[Cyst TGLS = 4-10]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 2-7]			
* Skin	SOA-No Mass	Acanthosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 462	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 730 HISTO: 9101262
ORGAN AND ACCOUNTABLE SITE STATUS			
[Inflammation TGLS = 1-11]	SOA-No Mass	Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 463	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 588 HISTO: 9101263
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Brain		Compression	
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-12]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	
[Adenoma TGLS = 4-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	Epidermis, SOA-No Mass	Erosion	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Mild
[Ulcer TGLS = 1-11]			
* Uterus	Horn	Dilatation	Moderate
	Lumen	Hemorrhage	Marked
[Dilatation TGLS = 3-10]			
[Hemorrhage TGLS = 3-10]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 463	TRT#: 8	SEX: Female	DAY ON TEST: 588
	DOSE: 250 MG/KG	DISP: Natural Death	HISTO: 9101263

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH -

Animal Note: CAUSE OF DEATH:PITUITARY GLAND ADENOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 464	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 429 HISTO: 9101264
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* 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	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Skin	Head	Acanthosis	Mild
	SOA-No Mass	Acanthosis	Mild
	Head	Inflammation	Chronic Active, Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	Head	Ulcer	Marked
	SOA-No Mass	Ulcer	Multiple, Mild
[Ulcer TGLS = 1-11]			
[Ulcer TGLS = 2-12]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH -			
Animal Note: CAUSE OF DEATH:PITUITARY GLD ADENOMA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 465

TRT#: 8

SEX: Female

DAY ON TEST: 730

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Rectum
* Islets, Pancreatic
* Ovary
* Skin
* Thymus
* Uterus

* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Pancreas
* Spleen
* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex

Degeneration

Fatty, Mild

* Kidney

Hypertrophy

Mild

* Liver

Nephropathy

Chronic, Mild

* Lung

Basophilic Focus

Bile Duct

Hyperplasia

Minimal

Alveolus

Infiltration Cellular

Mononuclear CI, Minimal

Inflammation

Chronic Active, Minimal

* Mammary Gland

Hyperplasia

Cystic, Minimal

* Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Angiectasis

Moderate

Pars Distalis

Cyst

Pars Distalis

Pigmentation

Hemosiderin, Mild

[Adenoma TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 466

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gl			
Note: PATHOLOGICAL EXAMINATION.			
Note: ONLY ONE CLITORAL GLD AVAILABLE FOR HISTO-			
* Esophagus			
Note: TGL#8-2-NCL:ESOPHAGOUS CONSIDERED TO BE WNL			
Note: HISTOPATHOLOGICALLY.			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Marked
[Fibroadenoma TGLS = 1,7-11+13]			
[Hyperplasia TGLS = 1-13]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 2-7]			
Skeletal Muscle		Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 466	TRT#: 8	SEX: Female	DAY ON TEST: 731
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101266
ORGAN AND ACCOUNTABLE SITE STATUS			
[Fibrosis TGLS = 5-14]			
* Spleen		Leukemia Mononuclear	
* Thymus		Fibrosis	Mild
[Fibrosis TGLS = 6-2]			
* Uterus	Horn	Dilatation	Moderate
		Polyp Stromal	
[Dilatation TGLS = 4-10]			
[Polyp Stromal TGLS = 3-12]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 467

TRT#: 8

SEX: Female

DAY ON TEST: 522

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Cyst	
[Cyst TGLS = 1-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 468

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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

* Clitoral Gland [Dilatation TGLS = 2-10]	Duct	Dilatation	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland [Fibroadenoma TGLS = 1-11]		Fibroadenoma	
		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 469

TRT#: 8

SEX: Female

DAY ON TEST: 457

DOSE: 250 MG/KG

DISP: Scheduled Sacrifice

HISTO: 9101269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Cecum
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Brain
* Intestine Large, Colon
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Parathyroid Gland
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Clitoral Gland
* Intestine Small, Duodenum
* Kidney
* Nose
* Salivary Glands
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Small, Ileum
* Liver
* Ovary
* Spleen
* Thyroid Gland

OBSERVATIONS

* Heart
* Intestine Large, Rectum
* Lung
* Mammary Gland
* Pituitary Gland
* Skin

Alveolus

Pars Distalis
SOA-No Mass
SOA-No Mass
SOA-No Mass

Cardiomyopathy
Parasite Metazoan
Infiltration Cellular
Hyperplasia
Hyperplasia
Acanthosis
Inflammation
Ulcer

Chronic, Minimal

Mononuclear CI, Minimal
Cystic, Mild
Mild
Mild
Chronic Active, Moderate
Multiple, Moderate

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 470	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 670 HISTO: 9101270
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland	Duct	Dilatation	Mild
		Hyperplasia	Mild
[Dilatation TGLS = 3-4]			
[Hyperplasia TGLS = 3-4]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
Note: MAMMARY GLD ALSO IN B12.			
* Parathyroid GI			
Note: AVAILABLE FOR HISTOPATHOLOGICAL EXAM.			
Note: PARATHYROID GLDS MISSING AT EMBEDDING, NO TISSUE			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 470	TRT#: 8	SEX: Female	DAY ON TEST: 670
	DOSE: 250 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101270
ORGAN AND ACCOUNTABLE SITE STATUS			
* Spleen	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Leukemia Mononuclear TGLS = 1-11]		Leukemia Mononuclear	
* Thyroid GI			
Note: AVAILABLE FOR HISTOPATHOLOGICAL EXAM.			
Note: THYROID GLDS MISSING AT EMBEDDING. NO TISSUE			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF MORBIDITY:MONONUCLEAR CELL LEUKEMIA.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 471

TRT#: 8

SEX: Female

DAY ON TEST: 358

DOSE: 250 MG/KG

DISP: Natural Death

HISTO: 9101271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gl			
Note: TGL#2-10-NCL:CLITORAL GLAND CONSIDERED TO BE WNL			
Note: HISTOPATHOLOGICALLY.			
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IN B05.			
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 472

TRT#: 8

SEX: Female

DAY ON TEST: 556

DOSE: 250 MG/KG

DISP: Moribund Sacrifice

HISTO: 9101272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

Ear	Middle Ear	Carcinoma	Metastatic (Zymbal'S Gland)
* Kidney		Nephropathy	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Fibroadenoma	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
* Thyroid Gland	C Cell	Adenoma	
* Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF MORBIDITY:ZYMBALS GLD CARCINOMA.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 473

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Pituitary Gland
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Jejunum
* Nose
* Salivary Glands
* Thymus
* Uterus

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Liver
* Ovary
* Spleen
* Thyroid Gland

* Bone
* Esophagus
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Parathyroid Gland
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Intestine Large, Rectum
* Islets, Pancreatic
* Kidney
* Lung

Alveolus

* Mammary Gland
* Pancreas
* Skin

Acinus
SOA-No Mass
SOA-No Mass
SOA-No Mass

Parasite Metazoan
Hyperplasia
Nephropathy
Infiltration Cellular
Inflammation
Hyperplasia
Atrophy
Acanthosis
Inflammation
Ulcer

Mild
Chronic, Mild
Mononuclear CI, Minimal
Chronic Active, Minimal
Cystic, Mild
Minimal
Mild
Chronic Active, Mild
Multiple, Moderate

[Ulcer TGLS = 1-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 474

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Hydrocephalus	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4]			
* Lung		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
[Inflammation TGLS = 5-2]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
		Leukemia Mononuclear	
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 474	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101274
ORGAN AND ACCOUNTABLE SITE STATUS			
[Ulcer TGLS = 1-12]			
* Spleen		Leukemia Mononuclear	
* Thyroid G1			
Note: PATHOLOGICAL EXAMINATION.			
Note: ONLY ONE THYROID GLD AVAILABLE FOR HISTO-			
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 475

TRT#: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Moderate
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 2-12]			
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 3-7]			
* Skin	SOA-No Mass	Acanthosis	Moderate
	SOA-No Mass	Inflammation	Chronic Active, Moderate
	SOA-No Mass	Ulcer	Multiple, Marked
[Ulcer TGLS = 1-11]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 476	TRT#: 8	SEX: Female	DAY ON TEST: 420
	DOSE: 250 MG/KG	DISP: Natural Death	HISTO: 9101276
ORGAN AND ACCOUNTABLE SITE STATUS			
NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Skin	SOA-No Mass	Acanthosis	Minimal
	Epidermis, SOA-No Mass	Erosion	Mild
	SOA-No Mass	Inflammation	Chronic Active, Mild
	SOA-No Mass	Ulcer	Multiple, Minimal
[Ulcer TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		
Animal Note: CAUSE OF DEATH:UNDETERMINED.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	TRT#: 8	SEX: Female	DAY ON TEST: 624
	DOSE: 250 MG/KG	DISP: Moribund Sacrifice	HISTO: 9101277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING			
* Parathyroid Gland			

OBSERVATIONS			
* Brain		Compression	
		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
[Adenoma TGLS = 1-7]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Necrotizing, Minimal

PRIMARY CAUSE OF DEATH	-
Animal Note: CAUSE OF MORBIDITY:PITUITARY GLD ADENOMA.	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 478

TRT#: 8

SEX: Female

DAY ON TEST: 649

DOSE: 250 MG/KG

DISP: Natural Death

HISTO: 9101278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Rectum
* Islets, Pancreatic
* Lymph Node, Mesenteric
* Pancreas
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Esophagus
* Intestine Small, Duodenum
* Kidney
* Mammary Gland
* Parathyroid Gland
* Stomach, Glandular
* Urinary Bladder

* Bone
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Salivary Glands
* Thymus
* Uterus

OBSERVATIONS

* Clitoral Gland
[Inflammation TGLS = 2-10]
* Heart
* Liver
* Pituitary Gland
[Angiectasis TGLS = 3-7]
* Skin
[Ulcer TGLS = 1-11]

Pars Distalis
Pars Distalis

SOA-No Mass
Epidermis, SOA-No Mass
SOA-No Mass
SOA-No Mass

Inflammation

Cardiomyopathy
Inflammation
Angiectasis
Pigmentation

Acanthosis
Erosion
Inflammation
Ulcer

Chronic Active, Minimal

Chronic, Minimal
Chronic, Minimal
Mild
Hemosiderin, Mild

Mild
Moderate
Chronic Active, Mild
Multiple, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: CAUSE OF DEATH:UNDETERMINED.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 479	TRT#: 8 DOSE: 250 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 729 HISTO: 9101279
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gl			
Note: ONLY ONE CLITORAL GLD AVAILABLE FOR HISTO- Note: PATHOLOGICAL EXAMINATION.			
* Heart	Atrium	Thrombosis	
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Eosinophilic Focus TGLS = 4-11] [Leukemia Mononuclear TGLS = 3-4]			
* Lung	Alveolus	Infiltration Cellular	Mononuclear Cl, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Angiectasis TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11

Test Type: CHRONIC

Route: DERMAL,SOLUTION

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Triethanolamine

CAS Number: 102-71-6

Date Report Requested: 10/21/2014

Time Report Requested: 20:30:42

First Dose M/F: NA / NA

Lab: BAT

ANIMAL ID: 479	TRT#: 8	SEX: Female	DAY ON TEST: 729
	DOSE: 250 MG/KG	DISP: Terminal Sacrifice	HISTO: 9101279
ORGAN AND ACCOUNTABLE SITE STATUS			
[Hyperplasia TGLS = 2-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1]			
* Thyroid Gland	C Cell	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05109-11
Test Type: CHRONIC
Route: DERMAL,SOLUTION
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Triethanolamine
CAS Number: 102-71-6

Date Report Requested: 10/21/2014
Time Report Requested: 20:30:42
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 480

TRT#: 8

SEX: Female

DAY ON TEST: 729

DOSE: 250 MG/KG

DISP: Terminal Sacrifice

HISTO: 9101280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Compression	
		Hydrocephalus	Moderate
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Mononuclear CI, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-11]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Pigmentation	Hemosiderin, Mild
[Adenoma TGLS = 1-7]			
* Uterus	Horn	Dilatation	Mild

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE