

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

C Number:	C97013B
Lock Date:	07/30/2001
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1201

TRT#: 1

SEX: Male

DAY ON TEST: 134

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 2006881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Lym Node Mand			
Note: TGL#2-6-NCL: Mandibular LN considered to be WNL histologically. They were surrounded by chr-act inflam which was coded under skin.			
Salivary Glands		Carcinoma	
[Carcinoma TGLS = 1-7]			
* Skin	Subcut Tiss	Inflammation	Chronic Active, Marked
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

- Salivary Glands Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
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Route: SKIN APPLICATION
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1202

TRT#: 1

SEX: Male

DAY ON TEST: 272

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Testes	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-7]			
* Thymus		Atrophy	Mild
[Atrophy TGLS = 3-5]		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
Tooth		Odontogenic Tumor	Multiple
[Odontogenic Tumor TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1203

TRT#: 1

SEX: Male

DAY ON TEST: 272

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
Salivary Glands		Carcinosarcoma	
Note: Suspect that this neoplasm may be a spindle squamous cell carcinoma arising in the salivary gland.			
[Carcinosarcoma TGLS = 1-6]			
* Skin	Epidermis	Hyperplasia	Focal, Moderate
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2-7+8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
		Cyst	Minimal
[Atrophy TGLS = 5-5]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

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Animal Note: TGL 3,4 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1204

TRT#: 1

SEX: Male

DAY ON TEST: 272

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Degeneration	Marked
Note: The tubular lumens of one of the epididymides were devoid of any visible spermatozoa.			
* Liver		Inflammation	Chronic Active, Minimal
* Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 2-7]			
* Testes	Germinal Epith	Degeneration	Moderate
[Degeneration TGLS = 3-5]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1205

TRT#: 1

SEX: Male

DAY ON TEST: 272

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Stomach, Forestomach	* Testes
* Thymus			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-9]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1,2-6+7+8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1206	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 272 HISTO: 2006886
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Testes
* Thymus			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Skin		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1,2,3-7+8+9]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1207

TRT#: 1

SEX: Male

DAY ON TEST: 272

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Testes
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Papilla	Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-6]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 2-7]		
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1208	TRT#: 1	SEX: Male	DAY ON TEST: 218
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 2006888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Testes		

OBSERVATIONS

Int Lg Rectum

Note: TGL#1-6: Histologically, the nodule documented at necropsy involved the perineal skin and not the anus. Therefore it was coded under skin and not rectum.

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-6]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1209

TRT#: 1

SEX: Male

DAY ON TEST: 272

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Testes		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin		Squamous Cell Papilloma	
Note: TGL#2-7-NCL: Nodules not demonstrated histologically. [Squamous Cell Papilloma TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 3,4-8+9]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1210	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 272 HISTO: 2006890
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach	* Testes

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-8]			
* Skin	Epidermis	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 2-7]		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			
* Thymus		Atrophy	Mild
[Atrophy TGLS = 4-5]		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1211	TRT#: 3 DOSE: 64 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 272 HISTO: 2006891
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Testes
* Thymus			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 3-8]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1212

TRT#: 3

SEX: Male

DAY ON TEST: 272

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Testes		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic Active, Minimal
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-7]		
* Thymus		Atrophy	Mild
	[Atrophy TGLS = 3-5]		
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
Tooth		Odontogenic Tumor	
	[Odontogenic Tumor TGLS = 2-6]		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1213

TRT#: 3

SEX: Male

DAY ON TEST: 272

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Spleen	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2,3-7+8+9]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
Tooth		Odontogenic Tumor	Multiple
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1214

TRT#: 3

SEX: Male

DAY ON TEST: 140

DOSE: 64 MG/KG

DISP: Natural Death

HISTO: 2006894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Skin
* Stomach, Forestomach	* Thyroid Gland		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Erythrocytic	
* Adrenal Medulla		Leukemia Erythrocytic	
* Epididymis		Degeneration	Marked
Esophagus			
Note: The tubular lumens of one epididymis were devoid of any visible spermatozoa.			
* Kidney	Glomerulus	Inflammation	Membranoprolif, Moderate
		Leukemia Erythrocytic	
		Nephropathy	Mild
* Liver		Leukemia Erythrocytic	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	[Leukemia Erythrocytic TGLS = 2-3+4]		
* Lung		Leukemia Erythrocytic	
* Pituitary Gland		Leukemia Erythrocytic	
* Spleen		Leukemia Erythrocytic	
	[Leukemia Erythrocytic TGLS = 1-1]		
* Testes		Cyst	Mild
	Germinal Epith	Degeneration	Mild
* Thymus		Atrophy	Moderate
	[Atrophy TGLS = 3-5]		

PRIMARY CAUSE OF DEATH - Liver Leukemia Erythrocytic

CONTRIBUTORY CAUSE OF DEATH - Lung Leukemia Erythrocytic; Spleen Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1215

TRT#: 3

SEX: Male

DAY ON TEST: 272

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	Penis	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Thymus		

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Degeneration	Mild
Note: The epididymal tubules contain reduced numbers of spermatozoa and a large amount of sloughed germinal epithelial cells from the testes.			
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
Penis			
Note: TGL#2-7+8+9+10+11: These lesions were coded under skin. Sq. Cell Papilloma not in the current TDMS lexicon for penis.			
* Skin		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1,2-6+7+8+9+10+11]			
* Testes	Bilateral, Germinal Epith	Degeneration	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1216	TRT#: 3 DOSE: 64 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 272 HISTO: 2006896
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Spleen	* Testes
* Thymus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1217

TRT#: 3

SEX: Male

DAY ON TEST: 272

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Thymus		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin	Epidermis	Hyperplasia	Focal, Minimal
		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 2-7]		
* Testes	Germinal Epith	Degeneration	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 1 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1218

TRT#: 3

SEX: Male

DAY ON TEST: 251

DOSE: 64 MG/KG

DISP: Natural Death

HISTO: 2006898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin	Epidermis	Hyperkeratosis	Mild
		Hyperplasia	Focal, Moderate
		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	
[Hyperplasia TGLS = 2-7,8]			
[Squamous Cell Carcinoma TGLS = 3-9]			
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1219

TRT#: 3

SEX: Male

DAY ON TEST: 272

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-6]		
* Thyroid Gland	Follicle	Cyst	Mild
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1220 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 272
DOSE: 64 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 2006900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Testes	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Cortex	Cyst	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-6]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
	[Squamous Cell Papilloma TGLS = 2-7]		
* Thymus		Cyst	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1221

TRT#: 5

SEX: Male

DAY ON TEST: 251

DOSE: 128 MG/KG

DISP: Natural Death

HISTO: 2006901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Erythrocytic	
Note: Only one adrenal gland available for histologic examination.			
* Kidney	Glomerulus	Inflammation	Membranoprolif, Marked
		Leukemia Erythrocytic	
* Liver		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 1-3+4]			
* Lung		Leukemia Erythrocytic	
* Pituitary Gland		Leukemia Erythrocytic	
* Spleen		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 2-1]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Leukemia Erythrocytic

CONTRIBUTORY CAUSE OF DEATH - Lung Leukemia Erythrocytic;Spleen Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1222

TRT#: 5

SEX: Male

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland	* Spleen	* Stomach, Forestomach

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis		Cyst	
		Degeneration	Marked
		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-8]			
* Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1,2-6+7]			
* Testes		Cyst	Mild
	Germinal Epith	Degeneration	Marked
[Degeneration TGLS = 5-5]			
* Thymus		Atrophy	Marked
[Atrophy TGLS = 4-5]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1223

TRT#: 5

SEX: Male

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Testes	* Thymus	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung			
Note: Tgl#1-1-NCL: Nodule, documented at necropsy, not demonstrated histologically.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1224

TRT#: 5

SEX: Male

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Thymus			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin		Squamous Cell Papilloma	
Note: TGL#3-9-NCL: Preputial nodule, documented at necropsy, not demonstrated histologically. [Squamous Cell Papilloma TGLS = 1-8]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-7]			
* Testes	Germinal Epith	Degeneration	Minimal
* Thymus			
Note: TGL#4-5-NCL: Thymus considered to be within normal limits histologically.			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1225

TRT#: 5

SEX: Male

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Thymus		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Minimal
* Epididymis	Cyst	
	Degeneration	Marked
	Inflammation	Chronic Active, Mild

Note: The tubules of one of the epididymides are devoid of viable spermatozoa.

* Kidney	Nephropathy	Minimal
* Skin	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-7]		
* Testes	Germinal Epith	Marked
* Thyroid Gland	Follicle	Mild
Tooth	Odontogenic Tumor	

[Odontogenic Tumor TGLS = 2-6I]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1226

TRT#: 5

SEX: Male

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Degeneration	Marked
Note: The tubules of both epididymides were devoid of viable spermatozoa.			
* Kidney	Cortex	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-9]			
* Skin		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2-7+8]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 6,7,8,9-10+11+12+13]			
* Testes	Bilateral, Germinal Epith	Degeneration	Moderate
		Mineralization	Minimal
[Degeneration TGLS = 4-5]			
* Thymus		Atrophy	Moderate
[Atrophy TGLS = 5-5]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1226

TRT#: 5

SEX: Male

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006906

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1227

TRT#: 5

SEX: Male

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1228	TRT#: 5	SEX: Male	DAY ON TEST: 272
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hypertrophy	Mild
* Epididymis		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Skin	SOA Epidermis	Hyperplasia	Focal, Minimal
		Keratoacanthoma	
		Squamous Cell Papilloma	Multiple
	[Keratoacanthoma TGLS = 2-7]		
	[Squamous Cell Papilloma TGLS = 1,3,4-6+8+9]		
* Thymus		Atrophy	Mild
	[Atrophy TGLS = 5-5]		
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1229	TRT#: 5	SEX: Male	DAY ON TEST: 221
	DOSE: 128 MG/KG	DISP: Natural Death	HISTO: 2006909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1230	TRT#: 5 DOSE: 128 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 272 HISTO: 2006910
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1231 **TRT#:** 7 **SEX:** Male **DAY ON TEST:** 272
DOSE: 256 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 2006911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Pituitary Gland			

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Epididymis		Degeneration	Marked
Note: The tubules of both epididymides were devoid of viable spermatozoa.			
* Kidney	Pelvis	Dilatation	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 4-3+4]			
* Liver		Inflammation	Chronic Active, Mild
* Lung		Inflammation	Chronic Active, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 7-9]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-8]			
* Spleen		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-1]			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 8,9-10+11]			
* Testes	Bilateral, Germinal Epith	Degeneration	Moderate
[Degeneration TGLS = 5-5]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
Tooth		Abscess	Focal
[Abscess TGLS = 2-7]			
[Odontogenic Tumor TGLS = 3-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1231

TRT#: 7

SEX: Male

DAY ON TEST: 272

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006911

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1232	TRT#: 7	SEX: Male	DAY ON TEST: 272
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Spleen	* Stomach, Forestomach

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Epididymis			
Note: The epididymal tubular lumens contain a large number of sloughed germinal epithelial cells.			
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Hyperkeratosis	Mild
		Squamous Cell Papilloma	
Note: TGL#2 and 3 = NCL: Nodules, documented at necropsy, not demonstrated histologically.			
[Squamous Cell Papilloma TGLS = 1-6]			
* Testes	Germinal Epith	Degeneration	Moderate
[Degeneration TGLS = 4-5]			
* Thymus		Atrophy	Moderate
		Cyst	Minimal
[Atrophy TGLS = 5-5]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1233

TRT#: 7

SEX: Male

DAY ON TEST: 272

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Skin	* Spleen	* Stomach, Forestomach
* Thymus			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Cyst	
		Degeneration	Marked
		Inflammation	Chronic Active, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung			
Note: TGL#2-6-NCL: Nodule, documented at necropsy, not demonstrated histologically.			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Testes	Germinal Epith	Degeneration	Marked
		[Degeneration TGLS = 1-5]	
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1234

TRT#: 7

SEX: Male

DAY ON TEST: 272

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Testes	* Thymus	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1235

TRT#: 7

SEX: Male

DAY ON TEST: 272

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mesenteric	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Cyst	
		Degeneration	Marked
		Inflammation	Chronic Active, Mild
Note: The tubules of one of the epididymides are devoid of viable spermatozoa.			
* Kidney	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Testes		Cyst	Moderate
	Germinal Epith	Degeneration	Marked
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1236

TRT#: 7

SEX: Male

DAY ON TEST: 272

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Stomach, Forestomach
* Thymus			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Hypertrophy Nephropathy	Minimal Mild
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Skin		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 2-7+8]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Germinal Epith	Degeneration	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL 1 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1237

TRT#: 7

SEX: Male

DAY ON TEST: 69

DOSE: 256 MG/KG

DISP: Moribund Sacrifice

HISTO: 2006917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Skin
* Stomach, Forestomach			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Erythrocytic	
* Adrenal Medulla		Leukemia Erythrocytic	
* Epididymis		Degeneration	Marked
Note: The tubules of one of the epididymides were devoid of viable spermatozoa.			
* Kidney	Glomerulus	Inflammation	Membranoprolif, Minimal
		Leukemia Erythrocytic	
		Nephropathy	Minimal
* Liver		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 2-3+4+7]			
* Lung		Leukemia Erythrocytic	
* Pituitary Gland		Leukemia Erythrocytic	
* Spleen		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 1-1+6]			
* Testes		Cyst	Mild
	Germinal Epith	Degeneration	Moderate
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Mild

PRIMARY CAUSE OF DEATH - Liver Leukemia Erythrocytic

CONTRIBUTORY CAUSE OF DEATH - Lung Leukemia Erythrocytic; Spleen Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1238

TRT#: 7

SEX: Male

DAY ON TEST: 221

DOSE: 256 MG/KG

DISP: Moribund Sacrifice

HISTO: 2006918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Testes	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-4]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin	SOA Epidermis	Hyperplasia	Focal, Minimal
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-9]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 4,5-7+8]			
* Thymus		Atrophy	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 3-6]			

PRIMARY CAUSE OF DEATH

- Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1239

TRT#: 7

SEX: Male

DAY ON TEST: 272

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Degeneration	Moderate
Note: The tubules of both epididymides contained reduced numbers of viable spermatozoa and increased numbers of sloughed germinal epithelial cells.			
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin	Epidermis	Hyperplasia Squamous Cell Papilloma	Focal, Moderate
Note: TGL#2-7: Small nodules, documented at necropsy, not demonstrated histologically. However, epidermis is hyperplastic.			
[Hyperplasia TGLS = 2-7]			
[Squamous Cell Papilloma TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-8]			
* Testes	Bilateral, Germinal Epith	Degeneration	Moderate
[Degeneration TGLS = 3-5]			
* Thyroid Gland	Follicle Follicular Cel	Depletion Secretory Hypertrophy	Minimal Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1240	TRT#: 7	SEX: Male	DAY ON TEST: 272
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Epididymis	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin	Epidermis	Hyperplasia	Focal, Mild
		Squamous Cell Papilloma	Multiple
	[Hyperplasia TGLS = 3-10+11]		
	[Squamous Cell Papilloma TGLS = 1,2,3-6+7+8+9]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 4-12]		
* Testes	Germinal Epith	Degeneration	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1241	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 272 HISTO: 2006921
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin	Epidermis	Hyperplasia	Focal, Mild
Note: TGL#1-6: Small nodule, documented at necropsy, not demonstrated histologically. However, epidermis is hyperplastic. [Hyperplasia TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1242

TRT#: 2

SEX: Female

DAY ON TEST: 272

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	Salivary Glands
* Thymus			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
Eye	Cornea	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-6]			
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 5-2]			
Saliv Glands			
Note: a Zymbals gland cyst containing keratin and cellular debris admixed with chronic-active inflammation. This lesion is coded under skin and Zymbals gland.			
Note: TGL#3-8: Saliv. Gld. mass, documented at necropsy, is multiple Sq. cell papillomas involving the ear canal and			
* Skin		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2,3,4-7+8+9+10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-11]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Zymbal's Gland		Cyst	Marked
		Inflammation	Chronic Active, Marked
[Cyst TGLS = 3-8]			
[Inflammation TGLS = 3-8]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1243	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 272 HISTO: 2006923
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pituitary Gland	* Stomach, Forestomach	* Thymus	

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Mild
* Skin		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 1,2-6+7]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1244

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 272
HISTO: 2006924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pituitary Gland	* Thymus		

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Inflammation	Chronic Active, Moderate
* Skin		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 1-6]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 3-7]		
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLS = 2-5]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1245

TRT#: 2
DOSE: 0 MG/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 272
HISTO: 2006925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Thymus

OBSERVATIONS

* Kidney	Cortex	Cyst	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin	Epidermis	Hyperplasia	Focal, Moderate
		Squamous Cell Papilloma	
	[Hyperplasia TGLS = 2-7]		
	[Squamous Cell Papilloma TGLS = 1-6]		
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1246

TRT#: 2

SEX: Female

DAY ON TEST: 32

DOSE: 0 MG/KG

DISP: Missing

HISTO: 2006926

PRIMARY CAUSE OF DEATH

-

Animal Note: Animal was reported to be missing.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1247	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 217 HISTO: 2006927
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Accessory Adrenal Cortical Nodule Hyperplasia Inflammation Hyperplasia	Mild Minimal Chronic Active, Minimal Lymphoid, Moderate
* Liver			
* Lymph Node, Mandibular [Hyperplasia TGLS = 1-4]			
Tooth Note: TGL#3-6-NCL: Incisor teeth considered to be within normal limits histologically. [Odontogenic Tumor TGLS = 2-6]		Odontogenic Tumor	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1248

TRT#: 2

SEX: Female

DAY ON TEST: 251

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 2006928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Stomach, Forestomach	* Thyroid Gland	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Lung		Carcinoma	Metastatic (Zymbal'S Gland)
* Ovary		Teratoma Benign	
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-7]			
* Spleen		Atrophy	Moderate
* Thymus		Atrophy	Marked
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 3-6]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 2-8]			

PRIMARY CAUSE OF DEATH

- Zymbal's Gland Carcinoma

CONTRIBUTORY CAUSE OF DEATH

- Lung Carcinoma Zymbal'S Gland;Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1249

TRT#: 2

SEX: Female

DAY ON TEST: 272

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Erythrocytic	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Skin	SOA	Squamous Cell Papilloma	
		Squamous Cell Papilloma	Multiple
		[Squamous Cell Papilloma TGLS = 2,3-7+8]	
		[Squamous Cell Papilloma TGLS = 1-6]	
* Spleen		Leukemia Erythrocytic	
		[Leukemia Erythrocytic TGLS = 4,5-1]	
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: Splenic and hepatic findings considered to be consistent with a diagnosis of early erythrocytic leukemia.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1250	TRT#: 2	SEX: Female	DAY ON TEST: 272
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus			
Note: TGL#1-5-NCL: Thymus considered to be within normal limits histologically.			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1251	TRT#: 4 DOSE: 64 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 62 HISTO: 2006931
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thymus	* Uterus	

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1252

TRT#: 4

SEX: Female

DAY ON TEST: 272

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pituitary Gland	* Skin	* Thymus
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic Active, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-4]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1253

TRT#: 4

SEX: Female

DAY ON TEST: 272

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Stomach, Forestomach	* Thymus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 6-5]			
* Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1,4-7+10]		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2,3-8+9]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 5-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1254	TRT#: 4	SEX: Female	DAY ON TEST: 144
	DOSE: 64 MG/KG	DISP: Natural Death	HISTO: 2006934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	Tooth	* Uterus

OBSERVATIONS

Salivary Glands [Carcinoma TGLS = 1-6]	Carcinoma	
* Spleen	Atrophy	Moderate
* Thymus	Atrophy	Marked
Tooth		

Note: TGL#1-6: Tooth mass, documented at necropsy, is salivary gland carcinoma histologically.

PRIMARY CAUSE OF DEATH - Salivary Glands Carcinoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1255

TRT#: 4

SEX: Female

DAY ON TEST: 272

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thymus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 1-5]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1256 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 272
DOSE: 64 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 2006936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Artery	Inflammation	Chronic Active, Mild
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
* Ovary		Hemangioma	
* Skin		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1,2-6+7+8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-9]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1257

TRT#: 4

SEX: Female

DAY ON TEST: 272

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Stomach, Forestomach	* Thymus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Minimal
[Cyst TGLS = 3-5]			
* Skin	Epidermis	Hyperplasia Squamous Cell Papilloma	Focal, Mild
Note: TGL#1-6: Only 1 of the 2 nodules, documented at necropsy, was demonstrated histologically.			
[Hyperplasia TGLS = 2-7]			
[Squamous Cell Papilloma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle Follicular Cel	Depletion Secretory Hypertrophy Infiltration Cellular	Mild Minimal Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-5]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1258	TRT#: 4	SEX: Female	DAY ON TEST: 148
	DOSE: 64 MG/KG	DISP: Moribund Sacrifice	HISTO: 2006938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thymus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Gallbladder			
Note: TGL#1-6_NCL: Gallbladder considered to be within normal limits histologically. Enlargement, documented at necropsy, probably due to engorgement with bile.			
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1259 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 272
DOSE: 64 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 2006939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland	* Thymus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Minimal
[Cyst TGLS = 2-5]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 3-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1260

TRT#: 4

SEX: Female

DAY ON TEST: 272

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Thymus		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Skin		Squamous Cell Papilloma	Multiple
Note: TGL#2-7: Only one nodule demonstrated histologically. [Squamous Cell Papilloma TGLS = 2,3,4-7+8+9]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1261	TRT#: 6	SEX: Female	DAY ON TEST: 127
	DOSE: 128 MG/KG	DISP: Moribund Sacrifice	HISTO: 2006941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-4]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 3-6]			

PRIMARY CAUSE OF DEATH - Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1262

TRT#: 6

SEX: Female

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin	Epidermis	Hyperplasia	Focal, Moderate
	[Hyperplasia TGLS = 1-6]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 2-7]		
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1263

TRT#: 6

SEX: Female

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Thymus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin	Epidermis	Hyperplasia	Focal, Moderate
		Squamous Cell Papilloma	Multiple
<p>Note: TGL#2-7: Only one nodule demonstrated histologically. [Hyperplasia TGLS = 2-8] [Squamous Cell Papilloma TGLS = 1,2-6+7]</p>			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1264

TRT#: 6

SEX: Female

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Ovary			
Note: Only one ovary available for histologic examination.			
Salivary Glands		Carcinoma	
[Carcinoma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 3-7]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1265

TRT#: 6

SEX: Female

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-5]			
* Skin	Epidermis	Hyperplasia	Focal, Marked
[Squamous Cell Papilloma TGLS = 1-6]		Squamous Cell Papilloma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-5]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1266

TRT#: 6

SEX: Female

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Ovary		Luteoma	Multiple
Note: Multiple = bilateral. Both ovaries are involved. Bilateral not a choice for ovary in current NTP lexicon.			
			[Luteoma TGLS = 3-5]
* Skin	Epidermis	Hyperplasia	Focal, Moderate
	SOA Epidermis	Hyperplasia	Minimal
		Squamous Cell Papilloma	Multiple
			[Squamous Cell Papilloma TGLS = 1,2-6+7]
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
			[Squamous Cell Papilloma TGLS = 4-9]
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1267	TRT#: 6	SEX: Female	DAY ON TEST: 272
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 3-5]			
* Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 2-7]		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
[Squamous Cell Papilloma TGLS = 4-8]		Squamous Cell Papilloma	
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1268

TRT#: 6

SEX: Female

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Thymus	

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-6]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1269

TRT#: 6

SEX: Female

DAY ON TEST: 221

DOSE: 128 MG/KG

DISP: Moribund Sacrifice

HISTO: 2006949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pituitary Gland	* Spleen
* Thymus	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Skin	Epidermis	Hyperplasia	Focal, Marked
		Inflammation	Chronic Active, Mild
		Ulcer	Marked
[Hyperplasia TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1270

TRT#: 6

SEX: Female

DAY ON TEST: 272

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Ovary			
Note: TGL#3-5-NCL: Ovarian size considered to be within normal limits histologically.			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 5-7]			
* Thymus		Atrophy	Moderate
[Atrophy TGLS = 4-5]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Moderate
Tooth		Odontogenic Tumor	Multiple
[Odontogenic Tumor TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Note: TGL#2-5-NCL: Uterine size considered to be within normal limits histologically.			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1271

TRT#: 8

SEX: Female

DAY ON TEST: 272

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 4-5]			
* Skin		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1,2-9+7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Squamous Cell Papilloma TGLS = 5-8]		Squamous Cell Papilloma	
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 3-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1272

TRT#: 8

SEX: Female

DAY ON TEST: 218

DOSE: 256 MG/KG

DISP: Natural Death

HISTO: 2006952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thymus

OBSERVATIONS

* Kidney	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Perivascular	Infiltration Cellular	Lymphocyte, Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1273 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 272
DOSE: 256 MG/KG **DISP:** Terminal Sacrifice **HISTO:** 2006953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Stomach, Forestomach	* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	Mild
	Corpus Luteum	Degeneration	Marked
	Thecal Cell	Hyperplasia	Moderate
		Pigmentation	Hemosiderin, Moderate
[Cyst TGLS = 3-5]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Mild
* Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Marked
		Infiltration Cellular	Lymphocyte, Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1274	TRT#: 8	SEX: Female	DAY ON TEST: 272
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Thymus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin	Epidermis	Hyperplasia	Focal, Mild
	[Hyperplasia TGLS = 1,2-6+7]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 3-8]		
* Thyroid Gland	Follicle	Depletion Secretory	Marked
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1275

TRT#: 8

SEX: Female

DAY ON TEST: 272

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pituitary Gland		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Kidney		Leukemia Erythrocytic	
		Nephropathy	Minimal
* Liver	Hepatocyte	Leukemia Erythrocytic	
		Vacuolization Cytoplasmic	Minimal
* Lung		Leukemia Erythrocytic	
* Ovary		Cyst	Moderate
		Inflammation	Chronic Active, Moderate
* Skin	SOA Dermis	Cyst Epithelial Inclusion	Moderate
	Epidermis	Hyperplasia	Focal, Mild
	[Hyperplasia TGLS = 1-6]		
* Spleen		Leukemia Erythrocytic	
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1276

TRT#: 8

SEX: Female

DAY ON TEST: 272

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Stomach, Forestomach			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Marked
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:45
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1277	TRT#: 8	SEX: Female	DAY ON TEST: 272
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Thymus	

OBSERVATIONS

* Kidney	Renal Tubule	Hypertrophy Nephropathy	Minimal Mild
* Liver	Hepatocyte	Inflammation Vacuolization Cytoplasmic	Chronic Active, Minimal Minimal
* Skin	[Squamous Cell Papilloma TGLS = 1-6]	Squamous Cell Papilloma	Multiple
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	Follicle Follicular Cel	Depletion Secretory Hypertrophy	Marked Marked
* Uterus	Endometrium	Infiltration Cellular Hyperplasia	Lymphocyte, Minimal Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1278	TRT#: 8	SEX: Female	DAY ON TEST: 272
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Skin	* Thymus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Mild
	[Cyst TGLS = 2-5]		
* Skin			
Note: TGL#1-6-NCL: Nodule, documented at necropsy, not demonstrated histologically.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 3-7]		
* Thyroid Gland	Follicle	Depletion Secretory	Marked
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1279	TRT#: 8	SEX: Female	DAY ON TEST: 257
	DOSE: 256 MG/KG	DISP: Moribund Sacrifice	HISTO: 2006959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland
* Pituitary Gland			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Mild
* Lung		Metaplasia	Osseous, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLS = 3-4]		
* Ovary		Cyst	Mild
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 4-8]		
* Thymus		Atrophy	Moderate
		Cyst	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Marked
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Odontogenic Tumor	
	[Odontogenic Tumor TGLS = 2-6]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-92
Test Type: 26-39 WEEKS
Route: SKIN APPLICATION
Species/Strain: Mouse/TG.AC HEMI

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/19/2014
Time Report Requested: 07:57:46
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1280

TRT#: 8

SEX: Female

DAY ON TEST: 272

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Stomach, Forestomach			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
* Skin	Hepatocyte	Vacuolization Cytoplasmic	Minimal
	Subcut Tiss	Cyst Epithelial Inclusion	Moderate
	SOA	Squamous Cell Papilloma	
	[Cyst Epithelial Inclusion TGLS = 2-6]		
	[Squamous Cell Papilloma TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Marked
		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE