

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
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: 97013-11
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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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 401

TRT#: 1

SEX: Male

DAY ON TEST: 181

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006761

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	* Skin	* Spleen	* Stomach, Forestomach
* Testes			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
Tooth		Odontogenic Tumor	

[Odontogenic Tumor TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
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Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 402	TRT#: 1	SEX: Male	DAY ON TEST: 42
	DOSE: 0 MG/KG	DISP: Moribund Sacrifice	HISTO: 2006762

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	* Pituitary Gland	* Skin
* Testes	* Thyroid Gland		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Necrosis	Lymphoid, Mild
* Lymph Node, Mesenteric		Necrosis	Lymphoid, Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 403	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006763
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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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Skin	* Spleen	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 404	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006764
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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
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation Nephropathy	Mild Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin	Epidermis	Hyperplasia	Focal, Mild

[Hyperplasia TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 405	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006765
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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

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 406

TRT#: 1

SEX: Male

DAY ON TEST: 79

DOSE: 0 MG/KG

DISP: Natural Death

HISTO: 2006766

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	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Hepatocyte	Inflammation Necrosis	Chronic Active, Minimal Mild
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PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 407	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006767
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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	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 408	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006768
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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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Liver	Inflammation	Chronic Active, Minimal
* Skin	Squamous Cell Papilloma	

[Squamous Cell Papilloma TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 409	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006769
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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
Tissue NOS			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Artery	Inflammation	Chronic Active, Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 410	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006770
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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
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Focal, Minimal
	[Hyperkeratosis TGLS = 2-7]		
	[Hyperplasia TGLS = 2-7]		
Tooth		Odontogenic Tumor	
	[Odontogenic Tumor TGLS = 1-6]		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 411	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006771
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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
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 412	TRT#: 1	SEX: Male	DAY ON TEST: 181
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006772

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
* Testes	* Thymus		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin	Hepatocyte	Vacuolization Cytoplasmic	Minimal
		Hyperkeratosis	Mild
		Squamous Cell Papilloma	
[Hyperkeratosis TGLS = 1-6]			
[Squamous Cell Papilloma TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 413

TRT#: 1

SEX: Male

DAY ON TEST: 181

DOSE: 0 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006773

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	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 414	TRT#: 1 DOSE: 0 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006774
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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	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin		Hyperkeratosis	Focal, Mild
	Epidermis	Hyperplasia	Focal, Moderate
[Hyperkeratosis TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Testes	Germinal Epith	Degeneration	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 415

TRT#: 1

SEX: Male

DAY ON TEST: 146

DOSE: 0 MG/KG

DISP: Moribund Sacrifice

HISTO: 2006775

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
* Pituitary Gland	* Skin	* Spleen	* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis Note: The tubules of one of the epididymides contain no spermatozoa.		Degeneration	Marked
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 2-7]		Squamous Cell Papilloma	Multiple
* Testes		Cyst	Moderate
	Germinal Epith	Degeneration	Moderate
* Thymus		Atrophy	Mild
Tooth [Odontogenic Tumor TGLS = 1-6]		Odontogenic Tumor	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 416

TRT#: 3

SEX: Male

DAY ON TEST: 181

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006776

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
* Testes			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Minimal
* Skin	Epidermis	Hyperplasia	Focal, Mild
		Inflammation	Chronic Active, Minimal
	[Hyperplasia TGLS = 1-6]		
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 2-7]		
* Thymus		Cyst	Mild
		Ectopic Parathyroid Gland	Minimal
		Ectopic Thyroid	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 417	TRT#: 3 DOSE: 64 MG/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 74 HISTO: 2006777
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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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Skin	* Spleen	* Testes	* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Hepatocyte	Necrosis	Moderate
* Lung		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 418	TRT#: 3 DOSE: 64 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006778
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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	* Liver
* 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
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 419

TRT#: 3

SEX: Male

DAY ON TEST: 176

DOSE: 64 MG/KG

DISP: Moribund Sacrifice

HISTO: 2006779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Testes
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Erythrocytic	
* Adrenal Medulla		Leukemia Erythrocytic	
* Kidney		Leukemia Erythrocytic	
		Nephropathy	Mild
* Liver		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 4-8]			
* Lung		Leukemia Erythrocytic	
* Lymph Node, Mandibular		Necrosis	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
		Leukemia Erythrocytic	
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			
* Spleen		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 3-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Erythrocytic

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Erythrocytic; Lung Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 420

TRT#: 3

SEX: Male

DAY ON TEST: 181

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006780

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	* Skin	* Spleen	* Testes
* Thymus			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Hepatocyte	Inflammation Vacuolization Cytoplasmic Squamous Cell Papilloma	Chronic Active, Minimal Minimal
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 421

TRT#: 3

SEX: Male

DAY ON TEST: 181

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006781

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	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 422

TRT#: 3

SEX: Male

DAY ON TEST: 136

DOSE: 64 MG/KG

DISP: Natural Death

HISTO: 2006782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Skin	* Testes
* Thyroid Gland			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Erythrocytic	
* Adrenal Medulla		Leukemia Erythrocytic	
* Kidney		Leukemia Erythrocytic	
* Liver		Leukemia Erythrocytic	
* Lung		Leukemia Erythrocytic	
Lymph Node	Mediastinal	Leukemia Erythrocytic	
* Lymph Node, Mandibular		Leukemia Erythrocytic	
* Lymph Node, Mesenteric		Leukemia Erythrocytic	
* Pituitary Gland		Leukemia Erythrocytic	
* Spleen		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Leukemia Erythrocytic
CONTRIBUTORY CAUSE OF DEATH - Spleen Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 423	TRT#: 3 DOSE: 64 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006783
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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	* Spleen
* Testes	* Thymus	* Thyroid Gland	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin	Epidermis	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 424	TRT#: 3	SEX: Male	DAY ON TEST: 181
	DOSE: 64 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006784

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
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 425	TRT#: 3 DOSE: 64 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006785
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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	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Thymus		Atrophy	Minimal

Note: TGL#1-5-NCL: Thymus may be small but it is considered to be within normal limits histologically.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 426

TRT#: 3

SEX: Male

DAY ON TEST: 181

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006786

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 427	TRT#: 3	SEX: Male	DAY ON TEST: 48
	DOSE: 64 MG/KG	DISP: Natural Death	HISTO: 2006787

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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thymus		

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
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PRIMARY CAUSE OF DEATH	- UNCERTAIN
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 428	TRT#: 3 DOSE: 64 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006788
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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
* Skin	* Spleen	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 429	TRT#: 3	SEX: Male	DAY ON TEST: 181
	DOSE: 64 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006789

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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Spleen	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 430	TRT#: 3 DOSE: 64 MG/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 181 HISTO: 2006790
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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
* Skin	* Spleen	* Stomach, Forestomach	* Testes

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 431	TRT#: 5	SEX: Male	DAY ON TEST: 181
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006791

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Skin	* Spleen	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 432

TRT#: 5

SEX: Male

DAY ON TEST: 181

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006792

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		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Focal, Minimal
[Hyperkeratosis TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Testes	Germinal Epith	Degeneration	Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 433

TRT#: 5

SEX: Male

DAY ON TEST: 181

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006793

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Spleen	* Testes	* Thymus	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1,2-6+7]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-8]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 434	TRT#: 5	SEX: Male	DAY ON TEST: 181
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006794

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	* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Focal, Mild
[Hyperkeratosis TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 435

TRT#: 5

SEX: Male

DAY ON TEST: 181

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006795

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Skin	* Spleen	* Testes
* Thymus	* Thyroid Gland		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 1-6]	Squamous Cell Papilloma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 436	TRT#: 5	SEX: Male	DAY ON TEST: 68
	DOSE: 128 MG/KG	DISP: Natural Death	HISTO: 2006796

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
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 437	TRT#: 5	SEX: Male	DAY ON TEST: 181
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006797

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
* Skin	* Spleen	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 438	TRT#: 5	SEX: Male	DAY ON TEST: 181
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006798

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Spleen	* Stomach, Forestomach	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 439	TRT#: 5	SEX: Male	DAY ON TEST: 146
	DOSE: 128 MG/KG	DISP: Natural Death	HISTO: 2006799

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	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Leukemia Erythrocytic	
* Liver		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 1-3+4]			
* Lung		Leukemia Erythrocytic	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Erythrocytic	
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 440

TRT#: 5

SEX: Male

DAY ON TEST: 181

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006800

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
* Skin	* Stomach, Forestomach	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 441	TRT#: 5	SEX: Male	DAY ON TEST: 181
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006801

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	* Testes	* Thymus	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Mesentery	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Necrosis TGLS = 1-6]	Fat	Necrosis	Marked
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 442	TRT#: 5	SEX: Male	DAY ON TEST: 181
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006802

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
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 443

TRT#: 5

SEX: Male

DAY ON TEST: 181

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006803

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
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thymus			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 444

TRT#: 5

SEX: Male

DAY ON TEST: 181

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006804

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		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin		Hyperkeratosis	Minimal
	Epidermis	Hyperplasia	Focal, Minimal
[Hyperkeratosis TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Testes	Germinal Epith	Degeneration	Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 445	TRT#: 5	SEX: Male	DAY ON TEST: 181
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* 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
* Skin	* Spleen	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 446	TRT#: 7	SEX: Male	DAY ON TEST: 181
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Focal, Mild

Note: TGL#3-8: Cutaneous cyst, documented at necropsy, is a cystic bulbourethral gland. histologically. Lesion coded under urethra per current NTP lexicon.

Note: TGL#2-7-NCL: Skin nodule, documented at necropsy, not demonstrated histologically.

[Hyperkeratosis TGLS = 1-6]

[Hyperplasia TGLS = 1-6]

* Stomach, Forestomach		Squamous Cell Papilloma	
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[Squamous Cell Papilloma TGLS = 4-9]

* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal
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Urethra	Bulboureth GI	Cyst	Marked
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[Cyst TGLS = 3-8]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 447	TRT#: 7	SEX: Male	DAY ON TEST: 181
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Epididymis	* 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	* Thymus		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-3]			
* Testes	Germinal Epith	Degeneration	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 448

TRT#: 7

SEX: Male

DAY ON TEST: 181

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006808

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	* Skin
* Spleen			

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Degeneration	Marked
Note: The tubules of one of the epididymides contain no spermatozoa.			
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			
* Testes	Germinal Epith	Degeneration	Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 449	TRT#: 7	SEX: Male	DAY ON TEST: 181
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006809

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	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-7]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
Tooth		Odontogenic Tumor	
	[Odontogenic Tumor TGLS = 2-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 450	TRT#: 7	SEX: Male	DAY ON TEST: 181
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006810

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
* Skin	* Stomach, Forestomach	Stomach, Glandular	* Testes
* Thymus			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
Note: TGL#1-4-NCL: Right kidney considered to be normal size histologically.			
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 451

TRT#: 7

SEX: Male

DAY ON TEST: 181

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006811

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	* Spleen
* Stomach, Forestomach	* Thymus		

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Degeneration	Marked
Note: The tubules of one of the epididymides are devoid of spermatozoa.			
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Focal, Minimal
	[Hyperkeratosis TGLS = 1-7]		
	[Hyperplasia TGLS = 1-7]		
* Testes		Cyst	Mild
	Germinal Epith	Degeneration	Mild
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
Tooth		Odontogenic Tumor	
	[Odontogenic Tumor TGLS = 2-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 452	TRT#: 7	SEX: Male	DAY ON TEST: 181
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006812

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	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Thrombosis	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 453	TRT#: 7	SEX: Male	DAY ON TEST: 181
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006813

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
* Skin	* Testes		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 454	TRT#: 7	SEX: Male	DAY ON TEST: 181
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006814

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	Mild
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-6]		
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 455	TRT#: 7	SEX: Male	DAY ON TEST: 181
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006815

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		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lym Node Mand			
Note: Mandibular lymph node tissue is on slide #05 instead of slide #04.			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin	Epidermis	Hyperkeratosis	Mild
		Hyperplasia	Focal, Mild
	[Hyperkeratosis TGLS = 1-6]		
	[Hyperplasia TGLS = 1-6]		
* Thymus		Atrophy	Mild
Note: Thymic tissue is on slide #04 instead of slide #05.			
		[Atrophy TGLS = 2-4]	
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 456	TRT#: 7	SEX: Male	DAY ON TEST: 181
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006816

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	* Skin
* Spleen	* Stomach, Forestomach	* Testes	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 457	TRT#: 7	SEX: Male	DAY ON TEST: 181
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006817

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
* Skin	* Spleen	* Testes	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2-7]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 458

TRT#: 7

SEX: Male

DAY ON TEST: 181

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006818

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		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin	Epidermis	Hyperkeratosis	Mild
	SOA Epidermis	Hyperplasia	Focal, Mild
		Hyperplasia	Focal, Minimal
		Squamous Cell Papilloma	
[Hyperkeratosis TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
[Hyperplasia TGLS = 2-7]			
[Squamous Cell Papilloma TGLS = 1-6]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 459	TRT#: 7	SEX: Male	DAY ON TEST: 181
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006819

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
* Skin	* Spleen	* Testes	* Thyroid Gland

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 1-6]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 460

TRT#: 7

SEX: Male

DAY ON TEST: 181

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006820

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
* Skin	* Spleen	* Testes	* Thymus

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 461	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 182 HISTO: 2006821
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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	* Spleen	* Uterus

OBSERVATIONS

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2-7+7A]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 462	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 165 HISTO: 2006822
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 463	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 182 HISTO: 2006823
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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
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Intermed	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 464	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 182 HISTO: 2006824
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex Int Lg Rectum Note: TGL#2-7-NCL: Anal nodule, documented at necropsy, not demonstrated histologically.	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin [Squamous Cell Papilloma TGLS = 1,3-6+8]		Squamous Cell Papilloma	Multiple
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 4-9]		Squamous Cell Papilloma	Multiple
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 465	TRT#: 2	SEX: Female	DAY ON TEST: 182
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006825

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	* Thymus	* Thyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Skin		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 1-6]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	Note: Only one forestomach nodule was demonstrated histologically.		
	[Squamous Cell Papilloma TGLS = 2-7]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 466	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 182 HISTO: 2006826
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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, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Spleen	* Thymus	

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular [Hyperplasia TGLS = 3-4]		Hyperplasia	Lymphoid, Mild
* Skin [Squamous Cell Papilloma TGLS = 1,2-6+7]		Squamous Cell Papilloma	Multiple
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 4-8]		Squamous Cell Papilloma	Multiple
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 467	TRT#: 2	SEX: Female	DAY ON TEST: 182
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006827

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, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Spleen	* Thymus	

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 468	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 182 HISTO: 2006828
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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, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Thymus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Skin			
Note: TGL#2-7-NCL: Skin nodule documented at necropsy, not demonstrated histologically.			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-8]			
* Thyroid Gland	Follicle	Cyst	Minimal
	Follicle	Depletion Secretory	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 469	TRT#: 2	SEX: Female	DAY ON TEST: 182
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006829

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	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 470	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 146 HISTO: 2006830
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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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Thymus	* Thyroid Gland	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
Tooth		Odontogenic Tumor	
	[Odontogenic Tumor TGLS = 2-6]		

PRIMARY CAUSE OF DEATH - Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 471	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 182 HISTO: 2006831
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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	* Stomach, Forestomach	* Thyroid Gland

OBSERVATIONS

* Liver		Hematopoietic Cell Proliferation Inflammation	Minimal Chronic Active, Minimal
* Ovary			
Note: TGL#2-5-NCL: Ovarian cyst, documented at necropsy, not apparent histologically.			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 472	TRT#: 2	SEX: Female	DAY ON TEST: 158
	DOSE: 0 MG/KG	DISP: Natural Death	HISTO: 2006832

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	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Uterus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 473	TRT#: 2	SEX: Female	DAY ON TEST: 182
	DOSE: 0 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006833

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
* Mammary Gland	* Ovary	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 474	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 182 HISTO: 2006834
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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, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
		Ectopic Thymus	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 475	TRT#: 2 DOSE: 0 MG/KG	SEX: Female DISP: Natural Death	DAY ON TEST: 60 HISTO: 2006835
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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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pituitary Gland	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 476	TRT#: 4	SEX: Female	DAY ON TEST: 182
	DOSE: 64 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006836

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	* Thymus		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 477	TRT#: 4	SEX: Female	DAY ON TEST: 67
	DOSE: 64 MG/KG	DISP: Natural Death	HISTO: 2006837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Uterus		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Leukemia Erythrocytic	
* Adrenal Medulla		Leukemia Erythrocytic	
* Kidney		Leukemia Erythrocytic	
* Liver		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 2-3+4]			
* Lung		Leukemia Erythrocytic	
Lymph Node	Mediastinal	Leukemia Erythrocytic	
* Lymph Node, Mandibular		Leukemia Erythrocytic	
* Ovary		Leukemia Erythrocytic	
* Pituitary Gland		Leukemia Erythrocytic	
* Spleen		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 1-1]			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Liver Leukemia Erythrocytic
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 478

TRT#: 4

SEX: Female

DAY ON TEST: 182

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Int Lg Rectum

Note: TGL#1-6: Histologic exam indicates that the rectal/anal nodule actually originated from the perineal skin. Lesion coded under skin.

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 479

TRT#: 4

SEX: Female

DAY ON TEST: 182

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006839

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	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Skin	Epidermis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 480	TRT#: 4	SEX: Female	DAY ON TEST: 81
	DOSE: 64 MG/KG	DISP: Moribund Sacrifice	HISTO: 2006840

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	* Skin	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Degeneration	Mild
	Hepatocyte	Fatty Change	Minimal
* Spleen		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 481	TRT#: 4 DOSE: 64 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 182 HISTO: 2006841
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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	* Thymus

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-3+6]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 482	TRT#: 4 DOSE: 64 MG/KG	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 182 HISTO: 2006842
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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	* Spleen	* Stomach, Forestomach

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Skin	Epidermis	Hyperplasia Squamous Cell Papilloma	Focal, Moderate
[Hyperplasia TGLS = 1-6]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle Follicular Cel	Depletion Secretory Hypertrophy Infiltration Cellular	Minimal Minimal Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 483	TRT#: 4	SEX: Female	DAY ON TEST: 182
	DOSE: 64 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006843

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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thymus			

OBSERVATIONS

Eye		Squamous Cell Papilloma	
Note: TGL#1-6: Papilloma involves the skin of the left eyelid. [Squamous Cell Papilloma TGLS = 1-6]			
* Liver	Hepatocyte	Inflammation Vacuolization Cytoplasmic	Chronic Active, Minimal Mild
* Lung		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 484

TRT#: 4

SEX: Female

DAY ON TEST: 165

DOSE: 64 MG/KG

DISP: Moribund Sacrifice

HISTO: 2006844

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, Mesenteric	* Mammary Gland	* Ovary
* Skin	* Spleen	* Thymus	* Thyroid Gland
* Uterus			

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Lung			
Note: Artifact (floater) in lung section.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Skin			
Note: TGL#1-7-NCL: Skin nodule involving the left eyelid, documented at necropsy, not demonstrated histologically.			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2,3-6]			

PRIMARY CAUSE OF DEATH - Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 485

TRT#: 4

SEX: Female

DAY ON TEST: 182

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006845

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	* Ovary	* Pituitary Gland	* Skin
* Spleen	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Ovary			
Note: TGL#1-5-NCL: Ovarian cyst, documented at necropsy, not demonstrated histologically.			
* Stomach, Forestomach		Squamous Cell Papilloma	
		[Squamous Cell Papilloma TGLS = 2-6]	
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 486

TRT#: 4

SEX: Female

DAY ON TEST: 182

DOSE: 64 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006846

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	* Ovary
* Pituitary Gland	* Skin	* Thymus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
Intestine Large, Rectum [Hyperplasia TGLS = 1-6]	Anus	Hyperplasia	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 2-7]		Squamous Cell Papilloma	Multiple
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 487

TRT#: 4

SEX: Female

DAY ON TEST: 152

DOSE: 64 MG/KG

DISP: Moribund Sacrifice

HISTO: 2006847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Mammary Gland	* Uterus
Zymbal's Gland			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Leukemia Erythrocytic	
* Adrenal Medulla		Leukemia Erythrocytic	
* Kidney		Leukemia Erythrocytic	
* Liver		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 3-3+4]			
* Lung		Leukemia Erythrocytic	
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-4]			
* Ovary		Leukemia Erythrocytic	
* Pituitary Gland		Leukemia Erythrocytic	
* Skin		Hyperkeratosis	Marked
		Inflammation	Chronic Active, Marked
		Squamous Cell Papilloma	
[Hyperkeratosis TGLS = 1-6]			
[Inflammation TGLS = 1-6]			
[Squamous Cell Papilloma TGLS = 1-6]			
* Spleen		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 4-1]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Minimal
Zymbals GI			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 487

TRT#: 4

SEX: Female

DAY ON TEST: 152

DOSE: 64 MG/KG

DISP: Moribund Sacrifice

HISTO: 2006847

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL#1-6: Zymbals gland mass, documented at necropsy, is a sq cell papilloma, inflam and hyperkeratosis involving sq. epithelium of the ear canal histologically.

PRIMARY CAUSE OF DEATH

- Liver Leukemia Erythrocytic

CONTRIBUTORY CAUSE OF DEATH

- Skin Hyperkeratosis;Skin Inflammation;Skin Squamous Cell Papilloma;Spleen Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 488	TRT#: 4	SEX: Female	DAY ON TEST: 182
	DOSE: 64 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006848

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	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 489	TRT#: 4	SEX: Female	DAY ON TEST: 182
	DOSE: 64 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006849

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	* Thymus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 1-6]		
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 490	TRT#: 4 DOSE: 64 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 71 HISTO: 2006850
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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	* Thyroid Gland

OBSERVATIONS

Bone [Fracture TGLS = 1-6]		Fracture	
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin		Inflammation	Suppurative, Moderate
Note: Suppurative inflammation involves the dermis in the area of the left tibia where fracture occurred.			
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 491

TRT#: 6

SEX: Female

DAY ON TEST: 145

DOSE: 128 MG/KG

DISP: Moribund Sacrifice

HISTO: 2006851

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, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Uterus

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

- Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 492	TRT#: 6	SEX: Female	DAY ON TEST: 140
	DOSE: 128 MG/KG	DISP: Natural Death	HISTO: 2006852

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	* Mammary Gland
* Ovary	* Pituitary Gland	* Skin	* Uterus

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3+4]			
* Lung		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1,2-1+6]			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 4-7]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 493	TRT#: 6	SEX: Female	DAY ON TEST: 182
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006853

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		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Skin	Epidermis	Hyperplasia	Focal, Marked
[Hyperplasia TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 494	TRT#: 6	SEX: Female	DAY ON TEST: 182
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006854

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	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Skin	Epidermis	Hyperplasia	Focal, Moderate
		Inflammation	Chronic Active, Mild
	[Hyperplasia TGLS = 1-6]		
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 495	TRT#: 6	SEX: Female	DAY ON TEST: 182
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006855

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	* Thymus		

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 496	TRT#: 6	SEX: Female	DAY ON TEST: 182
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006856

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
* Lym Node Mand			
Note: TGL#3-4-NCL: Mandibular lymph nodes considered to be within normal limits histologically.			
* 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]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 497	TRT#: 6	SEX: Female	DAY ON TEST: 182
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006857

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	* Skin
* Thymus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 498	TRT#: 6	SEX: Female	DAY ON TEST: 108
	DOSE: 128 MG/KG	DISP: Natural Death	HISTO: 2006858

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	* Mammary Gland	* Ovary	* Pituitary Gland
* Skin	* Uterus		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 499	TRT#: 6	SEX: Female	DAY ON TEST: 182
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006859

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	Necrosis	Minimal
* Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-6]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 2-7]		
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 500	TRT#: 6	SEX: Female	DAY ON TEST: 182
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006860

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	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, 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]		
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Odontogenic Tumor	Multiple
	[Odontogenic Tumor TGLS = 2,3-6]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 501	TRT#: 6	SEX: Female	DAY ON TEST: 182
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006861

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	* Skin	* Stomach, Forestomach	* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 502

TRT#: 6

SEX: Female

DAY ON TEST: 182

DOSE: 128 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006862

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	* Skin	* Stomach, Forestomach	* Thymus
* Uterus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lym Node Mand			
Note: TGL#2-7-NCL: Mandibular lymph node considered to be within normal limits histologically.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* 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: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 503

TRT#: 6

SEX: Female

DAY ON TEST: 137

DOSE: 128 MG/KG

DISP: Natural Death

HISTO: 2006863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum
* Intestine Small, Jejunum
* Pituitary Gland
* Uterus

* Intestine Large, Colon
* Lymph Node, Mandibular
* Skin

* Intestine Small, Duodenum
* Mammary Gland
* Stomach, Forestomach

* Intestine Small, Ileum
* Ovary
* Thyroid Gland

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex

Subcapsular

Hyperplasia

Minimal

* Adrenal Medulla

Leukemia Erythrocytic

* Kidney

Leukemia Erythrocytic

Leukemia Erythrocytic

Nephropathy

Minimal

* Liver

Leukemia Erythrocytic

[Leukemia Erythrocytic TGLS = 1-3+4]

* Lung

Leukemia Erythrocytic

* Spleen

Leukemia Erythrocytic

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Liver Leukemia Erythrocytic

CONTRIBUTORY CAUSE OF DEATH

- Spleen Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 504	TRT#: 6	SEX: Female	DAY ON TEST: 182
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Spleen	* Stomach, Forestomach	* Thymus

OBSERVATIONS

Int Lg Rectum
Note: TGL#2-7-NCL: Small nodule, documented at necropsy, not demonstrated histologically.

* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Moderate
		Cyst	Mild
		Hemorrhage	Mild
		Pigmentation	Moderate
[Cyst TGLS = 3-5]			
* 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	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 505	TRT#: 6	SEX: Female	DAY ON TEST: 182
	DOSE: 128 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006865

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
* Spleen			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Skin	Epidermis	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2-6]			
* 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: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 506	TRT#: 8	SEX: Female	DAY ON TEST: 182
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Mammary Gland
* Pituitary Gland	* Spleen		

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 507

TRT#: 8

SEX: Female

DAY ON TEST: 182

DOSE: 256 MG/KG

DISP: Terminal Sacrifice

HISTO: 2006867

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	* Thymus
Zymbal's Gland			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-4]			
* Ovary		Luteoma	
* Skin	Epidermis	Hyperplasia	Focal, Moderate
		Inflammation	Chronic Active, Marked
		Squamous Cell Papilloma	
		Ulcer	Marked
[Hyperplasia TGLS = 1,2-6+7]			
[Inflammation TGLS = 2-7]			
[Squamous Cell Papilloma TGLS = 3-8]			
[Ulcer TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-9]			
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Zymbals GI			

Note: TGL#3-8: Zymbals Gland mass, documented at necropsy, is a cutaneous squamous cell papilloma histologically.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 508	TRT#: 8	SEX: Female	DAY ON TEST: 182
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006868

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			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* 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 = 2-7]		
* 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

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 509	TRT#: 8	SEX: Female	DAY ON TEST: 182
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006869

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
* Spleen	* Stomach, Forestomach	* Thymus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Skin		Squamous Cell Papilloma	Multiple
	[Squamous Cell Papilloma TGLS = 1,2-7+8]		
* 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: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 510	TRT#: 8	SEX: Female	DAY ON TEST: 182
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006870

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	* Skin	* Stomach, Forestomach	* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 511 **TRT#:** 8 **SEX:** Female **DAY ON TEST:** 116
DOSE: 256 MG/KG **DISP:** Moribund Sacrifice **HISTO:** 2006871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Skin	* Stomach, Forestomach
* Thymus			

OBSERVATIONS

* Adrenal Cortex		Leukemia Erythrocytic	
* Adrenal Medulla		Leukemia Erythrocytic	
* Kidney		Leukemia Erythrocytic	
		Nephropathy	Minimal
* Liver		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 2-3+4]			
* Lung		Leukemia Erythrocytic	
Lymph Node	Lumbar	Leukemia Erythrocytic	
	Mediastinal	Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 4-6]			
* Lymph Node, Mandibular		Leukemia Erythrocytic	
* Lymph Node, Mesenteric		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 3-3]			
* Ovary		Leukemia Erythrocytic	
* Pituitary Gland		Leukemia Erythrocytic	
* Spleen		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 1-1]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
* Uterus		Leukemia Erythrocytic	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Erythrocytic
CONTRIBUTORY CAUSE OF DEATH - Liver Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 512

TRT#: 8

SEX: Female

DAY ON TEST: 113

DOSE: 256 MG/KG

DISP: Natural Death

HISTO: 2006872

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	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Skin	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Lung		Thrombosis	Minimal
* Spleen		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
Tooth		Odontogenic Tumor	

[Odontogenic Tumor TGLS = 1-6]

PRIMARY CAUSE OF DEATH

- Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 513	TRT#: 8 DOSE: 256 MG/KG	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 99 HISTO: 2006873
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Skin	* Thyroid Gland
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Leukemia Erythrocytic	
* Adrenal Medulla		Leukemia Erythrocytic	
* Kidney		Leukemia Erythrocytic	
		Nephropathy	Minimal
* Liver		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 2-3+4]			
* Lung		Leukemia Erythrocytic	
Lymph Node	Inguinal	Leukemia Erythrocytic	
* Lymph Node, Mandibular		Leukemia Erythrocytic	
* Lymph Node, Mesenteric		Leukemia Erythrocytic	
* Ovary		Leukemia Erythrocytic	
* Pituitary Gland		Leukemia Erythrocytic	
* Spleen		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 1-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-6]			
* Thymus		Atrophy	Mild
		Cyst	Minimal

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Erythrocytic
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 514	TRT#: 8	SEX: Female	DAY ON TEST: 182
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006874

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	* Thymus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			
* 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: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 515	TRT#: 8	SEX: Female	DAY ON TEST: 182
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006875

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
* Thymus	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 516	TRT#: 8	SEX: Female	DAY ON TEST: 182
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006876

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	* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-4]			
* Ovary			
Note: Only one ovary available for histologic examination.			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 4-8]			
* Thyroid Gland	Follicle	Cyst	Mild
	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: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 517	TRT#: 8	SEX: Female	DAY ON TEST: 182
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006877

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 = 2-5]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* 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: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 518	TRT#: 8	SEX: Female	DAY ON TEST: 182
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006878

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

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 519

TRT#: 8

SEX: Female

DAY ON TEST: 69

DOSE: 256 MG/KG

DISP: Moribund Sacrifice

HISTO: 2006879

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	* Stomach, Forestomach	* Thymus	* Uterus

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Mild
		Thrombosis	Moderate
[Thrombosis TGLS = 3,4-7+8]			
* Ovary		Teratoma Malignant	
[Teratoma Malignant TGLS = 1-6]			
Salivary Glands		Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - Ovary Teratoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Liver Thrombosis

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-11
Test Type: 26-WEEK
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: 10/15/2014
Time Report Requested: 13:24:35
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 520	TRT#: 8	SEX: Female	DAY ON TEST: 182
	DOSE: 256 MG/KG	DISP: Terminal Sacrifice	HISTO: 2006880

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		Inflammation	Chronic Active, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE