

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

C Number:	C97013A
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: 97013-09
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Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006361
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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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Testes
* Thymus			

OBSERVATIONS

* Adren Cortex			
Note: Right adrenal gland missing at trim.			
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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Test Compound: Water disinfection model (Sodium bromate)
CAS Number: 7789-38-0

Date Report Requested: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 2	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006362
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 2-4]			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 3-7]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 3	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006363
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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	* Thymus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			
* Testes	Germinal Epith	Degeneration	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 4	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006364
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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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Spleen	Hematopoietic Cell Proliferation	Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 5	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006365
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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			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Parathyroid Gland		Cyst	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 6	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Natural Death	DAY ON TEST: 29 HISTO: 2006366
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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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Liver	Inflammation	Chronic Active, Minimal
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PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Only one adrenal gland available for histologic examination.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 7	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006367
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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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Testes	* Thymus		

OBSERVATIONS

* Thyroid Gland	Follicular Cel	Hypertrophy	Mild
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 183
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 2006368

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	* Testes	* Thymus	* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex Note: Right adrenal missing at trim.		Hypertrophy	Minimal
* Int Lg Cecum Note: Section of cecum is on slide #03.			
* Int Lg Colon Note: Section of colon is on slide #04.			
* Int Sm Ileum Note: Section of ileum is on slide #03.			
* Int Sm Jejunum Note: Section of jejunum is on slide #04.			
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Mesentery	Fat	Fibrosis	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-6]			
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 2-7]		Squamous Cell Papilloma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 9	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006369
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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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Testes	* Thyroid Gland

OBSERVATIONS

* Liver	Hepatocyte	Inflammation Vacuolization Cytoplasmic Squamous Cell Papilloma	Chronic Active, Minimal Minimal
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 1-6]			
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 183

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 2006370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Colon
* Kidney
* Lymph Node, Mesenteric
* Testes

* Adrenal Medulla
* Intestine Small, Duodenum
* Liver
* Pituitary Gland
* Thymus

* Epididymis
* Intestine Small, Ileum
* Lung
* Spleen
* Thyroid Gland

* Intestine Large, Cecum
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Stomach, Forestomach

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Male

DAY ON TEST: 183

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 2006371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye

Note: TGL#1-7-NCL: Eye within normal limits histologically.

* Kidney	Mineralization	Minimal
* Liver	Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Thymus	Atrophy	Mild
Tooth	Odontogenic Tumor	

[Odontogenic Tumor TGLS = 2-6]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 12	TRT#: 1	SEX: Male	DAY ON TEST: 171
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 2006372

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, Mesenteric	* Pituitary Gland
* Testes	* Thyroid Gland		

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Preputial Gland	Duct	Ectasia	Mild
[Ectasia TGLS = 2-7]			
* Spleen		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
[Squamous Cell Papilloma TGLS = 3-8]		Squamous Cell Papilloma	
* Thymus		Atrophy	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH - Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 13	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006373
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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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Squamous Cell Papilloma	Multiple

[Squamous Cell Papilloma TGLS = 1-6]

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 14	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006374
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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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 15	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006375
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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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	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: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 16	TRT#: 3 DOSE: 80 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006376
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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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Testes	* Thymus
* Thyroid Gland			

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 17	TRT#: 3 DOSE: 80 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006377
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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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 18

TRT#: 3

SEX: Male

DAY ON TEST: 183

DOSE: 80 MG/L

DISP: Terminal Sacrifice

HISTO: 2006378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Colon
* Kidney
* Lymph Node, Mesenteric
* Testes

* Adrenal Medulla
* Intestine Small, Duodenum
* Liver
* Pituitary Gland
* Thymus

* Epididymis
* Intestine Small, Ileum
* Lung
* Spleen
* Thyroid Gland

* Intestine Large, Cecum
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Stomach, Forestomach

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 19	TRT#: 3	SEX: Male	DAY ON TEST: 183
	DOSE: 80 MG/L	DISP: Terminal Sacrifice	HISTO: 2006379

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		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 20	TRT#: 3 DOSE: 80 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006380
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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	* Liver	* Lung	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Testes
* Thymus	* Thyroid Gland		

OBSERVATIONS

* Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
* Testes		
Note: TGL#2-5-NCL: Testes considered to be within normal limits histologically.		
Tooth	Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 21

TRT#: 3

SEX: Male

DAY ON TEST: 154

DOSE: 80 MG/L

DISP: Natural Death

HISTO: 2006381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Colon
* Kidney
* Lymph Node, Mesenteric
* Thymus

* Adrenal Medulla
* Intestine Small, Duodenum
* Liver
* Spleen

* Epididymis
* Intestine Small, Ileum
* Lung
* Stomach, Forestomach

* Intestine Large, Cecum
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Testes

MISSING

* Pituitary Gland

AUTO PRECLUDES DIAG.

* Thyroid Gland

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: All tissues are autolyzed.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 22

TRT#: 3

SEX: Male

DAY ON TEST: 183

DOSE: 80 MG/L

DISP: Terminal Sacrifice

HISTO: 2006382

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

OBSERVATIONS

* Adrenal Cortex

Hypertrophy

Minimal

* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 23	TRT#: 3 DOSE: 80 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006383
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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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
Tooth		Odontogenic Tumor	

[Odontogenic Tumor TGLS = 1-6]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 24	TRT#: 3	SEX: Male	DAY ON TEST: 182
	DOSE: 80 MG/L	DISP: Natural Death	HISTO: 2006384

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	* Pituitary Gland	* Testes	

OBSERVATIONS

Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-7]			
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2-6]			

PRIMARY CAUSE OF DEATH - Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 25

TRT#: 3

SEX: Male

DAY ON TEST: 183

DOSE: 80 MG/L

DISP: Terminal Sacrifice

HISTO: 2006385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Colon
* Lung
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Intestine Small, Duodenum
* Lymph Node, Mandibular
* Stomach, Forestomach

* Epididymis
* Intestine Small, Ileum
* Lymph Node, Mesenteric
* Testes

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

OBSERVATIONS

* Kidney
* Liver

Nephropathy
Inflammation

Minimal
Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 26	TRT#: 3	SEX: Male	DAY ON TEST: 183
	DOSE: 80 MG/L	DISP: Terminal Sacrifice	HISTO: 2006386

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	* Spleen	* Stomach, Forestomach	* Testes
* Thymus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Thyroid Gland	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 27	TRT#: 3 DOSE: 80 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006387
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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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	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: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 28	TRT#: 3	SEX: Male	DAY ON TEST: 183
	DOSE: 80 MG/L	DISP: Terminal Sacrifice	HISTO: 2006388

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
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 29	TRT#: 3 DOSE: 80 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006389
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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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 30

TRT#: 3

SEX: Male

DAY ON TEST: 183

DOSE: 80 MG/L

DISP: Terminal Sacrifice

HISTO: 2006390

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

OBSERVATIONS

* Kidney	Nephropathy	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 31	TRT#: 5	SEX: Male	DAY ON TEST: 183
	DOSE: 400 MG/L	DISP: Terminal Sacrifice	HISTO: 2006391

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	* Spleen	* Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Degeneration	Marked
Note: The tubles of the right epididymis contain no spermatozoa.			
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Parathyroid Gland		Cyst	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-6]			
* Testes		Cyst	Mild
	Germinal Epith	Degeneration	Mild
[Degeneration TGLS = 1-5]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 32

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 400 MG/L

DISP: Terminal Sacrifice

HISTO: 2006392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Intestine Large, Colon
* Kidney
* Pituitary Gland
* Thymus

* Adrenal Medulla
* Intestine Small, Duodenum
* Lung
* Spleen

* Epididymis
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Stomach, Forestomach

* Intestine Large, Cecum
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Testes

OBSERVATIONS

* Liver

Hepatocyte
Follicle
Follicular Cel

Inflammation
Vacuolization Cytoplasmic
Depletion Secretory
Hypertrophy

Chronic Active, Minimal
Minimal
Minimal
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 33

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 400 MG/L

DISP: Terminal Sacrifice

HISTO: 2006393

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	* Thymus		

OBSERVATIONS

* Epididymis Note: The tubules of one epididymis contain no spermatozoa.		Degeneration	Marked
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Inflammation	Chronic Active, Minimal
Skin Note: TGL#1-6-NCL: Skin nodule, documented at necropsy. not demonstrated histologically.		Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 2-7]		Squamous Cell Papilloma	
* Testes	Germinal Epith	Cyst	Mild
	Follicle	Degeneration	Mild
* Thyroid Gland	Follicular Cel	Depletion Secretory	Minimal
		Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 34	TRT#: 5 DOSE: 400 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006394
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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	* Testes	* Thymus	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Skin	Epidermis	Hyperplasia	Focal, Moderate
		Squamous Cell Papilloma	
	[Hyperplasia TGLS = 1-6]		
	[Squamous Cell Papilloma TGLS = 1-6]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 2-7]		
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 35	TRT#: 5 DOSE: 400 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006395
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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	* Spleen
* Testes	* Thymus		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[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: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 36	TRT#: 5	SEX: Male	DAY ON TEST: 183
	DOSE: 400 MG/L	DISP: Terminal Sacrifice	HISTO: 2006396

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	* Thymus	

OBSERVATIONS

* Epididymis			
Note: The tubules of one epididymis contains no spermatozoa.			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Parathyroid Gland		Cyst	Mild
* Testes		Cyst	Mild
	Germinal Epith	Degeneration	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: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 37	TRT#: 5 DOSE: 400 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006397
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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	* Testes	* Thymus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Mesentery	Fat	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 38	TRT#: 5 DOSE: 400 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006398
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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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pituitary Gland	* Spleen	* Testes	* Thymus

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 39	TRT#: 5 DOSE: 400 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006399
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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		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 40	TRT#: 5 DOSE: 400 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006400
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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	* Spleen	* Stomach, Forestomach
* Testes	* Thymus	Tissue NOS	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 41

TRT#: 5

SEX: Male

DAY ON TEST: 183

DOSE: 400 MG/L

DISP: Terminal Sacrifice

HISTO: 2006401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

Int Lg Rectum

Note: TGL#1-7: Histologically, the nodule involving the anal skin, documented at necropsy, is arising from the perineal skin. Therefore the lesion is coded under skin.

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-4]			
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-7]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-8]			
* Thymus			
Note: TGL#3-5-NCL: Thymus not demonstrated histologically.			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 42	TRT#: 5 DOSE: 400 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006402
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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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 43	TRT#: 5 DOSE: 400 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006403
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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

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 44

TRT#: 5

SEX: Male

DAY ON TEST: 144

DOSE: 400 MG/L

DISP: Moribund Sacrifice

HISTO: 2006404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye

Note: TGL#1-7-NCL: Eyes considered to be within normal limits histologically. The lens was missing from one eye.

* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-4]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

- Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 45	TRT#: 5 DOSE: 400 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006405
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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	* Lung	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Testes	

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Preputial Gland [Ectasia TGLS = 1-7]	Duct	Ectasia	Mild
* Thymus [Atrophy TGLS = 3-5]		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
Tooth [Odontogenic Tumor TGLS = 2-6]		Odontogenic Tumor	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 46	TRT#: 7	SEX: Male	DAY ON TEST: 183
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006406

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		

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[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: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 47	TRT#: 7	SEX: Male	DAY ON TEST: 183
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006407

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, Mesenteric	* Pituitary Gland	* Stomach, Forestomach
* Testes			

OBSERVATIONS

* Adren Cortex			
Note: Right adrenal missing at trim.			
* Kidney	Renal Tubule	Degeneration Nephropathy	Minimal Minimal
* Liver	Hepatocyte	Inflammation Vacuolization Cytoplasmic Hyperplasia	Chronic Active, Minimal Minimal Lymphoid, Moderate
* Lymph Node, Mandibular			
[Hyperplasia TGLS = 3-4]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
[Atrophy TGLS = 2-5]			
* Thyroid Gland	Follicle Follicular Cel	Depletion Secretory Hypertrophy	Minimal Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 48	TRT#: 7	SEX: Male	DAY ON TEST: 156
	DOSE: 800 MG/L	DISP: Natural Death	HISTO: 2006408

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	* Stomach, Forestomach
* Testes			

OBSERVATIONS

* Liver		Necrosis	Minimal
Lymph Node	Mediastinal	Necrosis	Lymphoid, Mild
* Lymph Node, Mandibular		Necrosis	Lymphoid, Mild
* Lymph Node, Mesenteric		Necrosis	Lymphoid, Moderate
* Spleen		Atrophy	Moderate
	Lymph Follic	Necrosis	Lymphoid, Mild
* Thymus		Atrophy	Marked
	Thymocyte	Necrosis	Marked
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 49	TRT#: 7 DOSE: 800 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006409
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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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Thymus	

OBSERVATIONS

* Epididymis Note: The tubules of one epididymis contain no spermatozoa.		Degeneration	Marked
* Kidney	Renal Tubule	Degeneration Nephropathy	Minimal Minimal
* Testes [Degeneration TGLS = 1-5]	Germinal Epith	Degeneration	Mild
* Thyroid Gland	Follicle Follicular Cel	Depletion Secretory Hypertrophy	Mild Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 50	TRT#: 7 DOSE: 800 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006410
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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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Testes	* Thymus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Stomach, Forestomach		Squamous Cell Papilloma	
[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: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 51	TRT#: 7	SEX: Male	DAY ON TEST: 183
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Degeneration	Marked
Note: The tubules of one epididymis contain no spermatozoa.			
* Kidney	Renal Tubule	Degeneration	Minimal
		Nephropathy	Minimal
* Testes	Germinal Epith	Degeneration	Mild
[Degeneration TGLS = 1-5]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 52	TRT#: 7 DOSE: 800 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006412
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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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Kidney	Renal Tubule	Degeneration	Mild
		Nephropathy	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 53	TRT#: 7	SEX: Male	DAY ON TEST: 183
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006413

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
* Testes	* Thymus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Degeneration	Mild
	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 54	TRT#: 7	SEX: Male	DAY ON TEST: 183
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006414

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
* Stomach, Forestomach	* Testes	* Thymus	

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Mild
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 55	TRT#: 7	SEX: Male	DAY ON TEST: 183
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006415

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

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
Skin	Epidermis	Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Focal, Moderate
		Squamous Cell Papilloma	
		[Hyperplasia TGLS = 1-6]	
		[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: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 56	TRT#: 7	SEX: Male	DAY ON TEST: 183
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006416

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

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration Nephropathy	Minimal Mild
* Liver	Hepatocyte	Inflammation	Chronic Active, Minimal
Skin	Epidermis	Vacuolization Cytoplasmic Hyperplasia Squamous Cell Papilloma	Minimal Focal, Mild
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicle Follicular Cel	Depletion Secretory Hypertrophy	Minimal Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 57	TRT#: 7	SEX: Male	DAY ON TEST: 183
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006417

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	* Spleen	* Testes	

OBSERVATIONS

* Kidney		Nephropathy	Mild
Skin	Subcut Tiss	Fibrosarcoma	
Note: TGL#1-6: Anal nodule, documented at necropsy, is a cutaneous fibrosarcoma involving the perineum histologically. Therefore the lesion is coded under skin. [Fibrosarcoma TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

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Animal Note: Anal nodule, documented at necropssy, is a cutaneous fibrosarcoma histopathologi cally and therefore is coded under skin.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 58	TRT#: 7	SEX: Male	DAY ON TEST: 183
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006418

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

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus			
Note: TGL#1-5-NCL: Thymus within normal limits histologically.			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 59	TRT#: 7 DOSE: 800 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006419
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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	* Testes	* Thymus	

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 60	TRT#: 7 DOSE: 800 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 183 HISTO: 2006420
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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	* Testes	* Thymus	

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 61	TRT#: 2 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006421
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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	* Ovary	* Pituitary Gland
* Spleen	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Int Lg Colon Note: Section of colon is on slide #04.			
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach [Squamous Cell Papilloma TGLS = 1-6]		Squamous Cell Papilloma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 62	TRT#: 2	SEX: Female	DAY ON TEST: 28
	DOSE: 0 MG/L	DISP: Natural Death	HISTO: 2006422

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
* Ovary	* Pituitary Gland	* Thyroid Gland	* Uterus

OBSERVATIONS

* Spleen		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
* Thymus	Thymocyte	Necrosis	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 63	TRT#: 2 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006423
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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	* Ovary
* Pituitary Gland	* Spleen	* Thymus	* Uterus

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-6]		
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 2-7]		
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 64	TRT#: 2 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006424
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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	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Thymus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 65	TRT#: 2 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006425
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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	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Uterus		

OBSERVATIONS

* Int Sm Jejunum

Note: Jejunum shows evidence of early intussusception. Unable to code as this term is not in current TDMS histo. lexicon. This may have been a terminal event.

* Liver	Inflammation	Chronic Active, Minimal
Skin	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-7]		
Tooth	Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2-6]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 66	TRT#: 2 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006426
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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	* Ovary
* Pituitary Gland	* Spleen	* Thymus	* Uterus

OBSERVATIONS

* Liver	Hepatocyte	Inflammation	Chronic Active, Minimal
	Epithelium	Vacuolization Cytoplasmic	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Follicle	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Depletion Secretory	Mild
		Hypertrophy	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 67	TRT#: 2 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006427
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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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Artery	Inflammation	Chronic, Mild
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Cyst	Mild
		Pigmentation	Hemosiderin, Mild

[Cyst TGLS = 1-5]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 68	TRT#: 2	SEX: Female	DAY ON TEST: 171
	DOSE: 0 MG/L	DISP: Moribund Sacrifice	HISTO: 2006428

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	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Uterus		

OBSERVATIONS

* Adrenal Cortex Blood Vessel	Subcapsular	Hyperplasia Inflammation Necrosis	Minimal Chronic, Marked Fibrinoid, Moderate
Note: Involved artery is mesenteric.			
* Kidney	Artery	Inflammation	Chronic, Minimal
* Liver		Inflammation Necrosis	Chronic Active, Minimal Mild
Mesentery	Fat	Congestion	Moderate
	Fat	Hemorrhage	Mild
[Congestion TGLS = 1-6] [Hemorrhage TGLS = 1-6]			
* Thymus		Atrophy	Mild
	Thymocyte	Necrosis	Marked
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 69	TRT#: 2	SEX: Female	DAY ON TEST: 184
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 2006429

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	* Ovary	* Pituitary Gland
* Thymus	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Salivary Glands		Carcinoma	
[Carcinoma TGLS = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 2-1]			
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 3-7]			
* Thyroid Gland		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 70	TRT#: 2 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006430
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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	* Ovary
* Pituitary Gland	* Thymus		

OBSERVATIONS

Intestine Large, Rectum [Squamous Cell Papilloma TGLS = 1-6]	Anus	Squamous Cell Papilloma	
* Liver		Hematopoietic Cell Proliferation Inflammation	Minimal Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium Epithelium	Hyperkeratosis Hyperplasia Squamous Cell Papilloma	Minimal Mild
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 71	TRT#: 2 DOSE: 0 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006431
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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	* Ovary
* Pituitary Gland	* Spleen	* Thymus	* Uterus

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Mild
Skin		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 72	TRT#: 2	SEX: Female	DAY ON TEST: 184
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 2006432

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	* Ovary	* Spleen	* Thymus
* Thyroid Gland			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 73

TRT#: 2

SEX: Female

DAY ON TEST: 123

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 2006433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Intestine Large, Colon
* Lymph Node, Mandibular
* Stomach, Forestomach

* Intestine Small, Duodenum
* Lymph Node, Mesenteric
* Thyroid Gland

* Intestine Small, Ileum
* Ovary
* Uterus

OBSERVATIONS

* Adrenal Cortex
* Adrenal Medulla
* Kidney
* Liver
 [Leukemia Erythrocytic TGLS = 2-3+4]
* Lung
* Spleen
 [Leukemia Erythrocytic TGLS = 1-1]
* Thymus

Leukemia Erythrocytic
Leukemia Erythrocytic
Leukemia Erythrocytic
Leukemia Erythrocytic

Leukemia Erythrocytic
Leukemia Erythrocytic

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Erythrocytic

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 74

TRT#: 2

SEX: Female

DAY ON TEST: 49

DOSE: 0 MG/L

DISP: Natural Death

HISTO: 2006434

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
* Ovary	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Uterus	

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Animal Note: Some tissues were moderately to markedly autolytic.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 75

TRT#: 2
DOSE: 0 MG/L

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 177
HISTO: 2006435

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	Pancreas
* Pituitary Gland	* Uterus		

OBSERVATIONS

* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4,5-3+4]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
Parathyroid G1			
Note: TGL#3-7-NCL: Pancreas was considered to be within normal limits histologically.			
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 76	TRT#: 4	SEX: Female	DAY ON TEST: 91
	DOSE: 80 MG/L	DISP: Natural Death	HISTO: 2006436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Ovary	* Stomach, Forestomach	* Uterus	

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* 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		
Note: Only one ovary available for histologic examination.		
* Pituitary Gland		Leukemia Erythrocytic
* Spleen		Leukemia Erythrocytic
[Leukemia Erythrocytic TGLS = 1-1]		
* Thymus		Leukemia Erythrocytic

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

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 77	TRT#: 4 DOSE: 80 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006437
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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	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Thymus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-3+6]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 78	TRT#: 4 DOSE: 80 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006438
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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	* Ovary	* Pituitary Gland
* Spleen	* Thymus	* Thyroid Gland	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 79	TRT#: 4 DOSE: 80 MG/L	SEX: Female DISP: Moribund Sacrifice	DAY ON TEST: 144 HISTO: 2006439
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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	* Ovary	* Stomach, Forestomach	* Uterus

OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Leukemia Erythrocytic	
* Adrenal Medulla		Leukemia Erythrocytic	
* Kidney		Leukemia Erythrocytic	
* Liver		Leukemia Erythrocytic	
		[Leukemia Erythrocytic TGLS = 1-3+4]	
* Lung		Leukemia Erythrocytic	
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Mild
		Leukemia Erythrocytic	
		Necrosis	Lymphoid, Minimal
* Lymph Node, Mesenteric		Leukemia Erythrocytic	
* Pituitary Gland		Leukemia Erythrocytic	
Skin	Subcut Tiss	Edema	Mild
		[Edema TGLS = 4-6]	
* Spleen		Leukemia Erythrocytic	
		[Leukemia Erythrocytic TGLS = 2-1]	
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Mild

PRIMARY CAUSE OF DEATH	- Liver Leukemia Erythrocytic
CONTRIBUTORY CAUSE OF DEATH	- Kidney Leukemia Erythrocytic; Lung Leukemia Erythrocytic; Spleen Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 80	TRT#: 4 DOSE: 80 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 51 HISTO: 2006440
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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	* Ovary
* Pituitary Gland	* Stomach, Forestomach	* Thymus	* Uterus

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Liver	Hematopoietic Cell Proliferation	Minimal
* Ovary		
Note: Only one ovary available for histologic examination.		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Some tissues were mildly to moderately autolytic.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 81	TRT#: 4	SEX: Female	DAY ON TEST: 184
	DOSE: 80 MG/L	DISP: Terminal Sacrifice	HISTO: 2006441

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

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 82	TRT#: 4 DOSE: 80 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006442
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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	* Lymph Node, Mesenteric	* Ovary
* Pituitary Gland	* Spleen	* Stomach, Forestomach	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Mild
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 83	TRT#: 4	SEX: Female	DAY ON TEST: 184
	DOSE: 80 MG/L	DISP: Terminal Sacrifice	HISTO: 2006443

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	* Ovary	* Pituitary Gland
* Spleen	* Thymus		

OBSERVATIONS

* Kidney	Renal Tubule	Dilatation	Mild
	Renal Tubule	Hypertrophy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:52
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 84	TRT#: 4 DOSE: 80 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006444
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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	* Lymph Node, Mesenteric
* Ovary	* Pituitary Gland	* Spleen	* Thymus

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

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 85	TRT#: 4	SEX: Female	DAY ON TEST: 140
	DOSE: 80 MG/L	DISP: Natural Death	HISTO: 2006445

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
* Ovary	* Pituitary Gland	* Thyroid Gland	* Uterus

OBSERVATIONS

* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Some tissues were mildly to markedly autolytic.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 86	TRT#: 4	SEX: Female	DAY ON TEST: 184
	DOSE: 80 MG/L	DISP: Terminal Sacrifice	HISTO: 2006446

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	* Ovary	* Pituitary Gland
* Spleen	* Thymus	* Thyroid Gland	* Uterus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Skin		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 87	TRT#: 4	SEX: Female	DAY ON TEST: 184
	DOSE: 80 MG/L	DISP: Terminal Sacrifice	HISTO: 2006447

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	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
Skin	Vulva	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 88	TRT#: 4	SEX: Female	DAY ON TEST: 100
	DOSE: 80 MG/L	DISP: Natural Death	HISTO: 2006448

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	* Stomach, Forestomach
* Thyroid Gland	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Lymphoma Malignant	
	Mineralization	Mild
	Necrosis	Mild
* Adrenal Medulla	Lymphoma Malignant	
* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3+4]		
* Lung	Lymphoma Malignant	
* Ovary	Lymphoma Malignant	
* Pituitary Gland	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-1]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Liver Lymphoma Malignant

Animal Note: Some tissues were moderately to markedly autolytic.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 89	TRT#: 4	SEX: Female	DAY ON TEST: 184
	DOSE: 80 MG/L	DISP: Terminal Sacrifice	HISTO: 2006449

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, Mesenteric	* Ovary	* Pituitary Gland	* Stomach, Forestomach
* Thymus			

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Mild
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
Tooth		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 90	TRT#: 4	SEX: Female	DAY ON TEST: 49
	DOSE: 80 MG/L	DISP: Natural Death	HISTO: 2006450

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
* Ovary	* Pituitary Gland	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Uterus		

OBSERVATIONS

* Spleen	Hematopoietic Cell Proliferation	Mild
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PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Some tissues were moderately to markedly autolytic.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 91	TRT#: 6	SEX: Female	DAY ON TEST: 184
	DOSE: 400 MG/L	DISP: Terminal Sacrifice	HISTO: 2006451

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 92

TRT#: 6

SEX: Female

DAY ON TEST: 184

DOSE: 400 MG/L

DISP: Terminal Sacrifice

HISTO: 2006452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Eye			
Note: TGL#1-7_NCL: Eyes considered to be within normal limits histologically.			
* Kidney	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 3-8]			
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2-6]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 93	TRT#: 6	SEX: Female	DAY ON TEST: 184
	DOSE: 400 MG/L	DISP: Terminal Sacrifice	HISTO: 2006453

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

OBSERVATIONS

* Kidney	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 94	TRT#: 6 DOSE: 400 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 181 HISTO: 2006454
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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
* Lymph Node, Mandibular	* Pituitary Gland	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Uterus		

MISSING

* Lymph Node, Mesenteric	* Ovary
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OBSERVATIONS

* Liver	Lymphoma Malignant
* Lung	Lymphoma Malignant
* Spleen	Lymphoma Malignant

[Lymphoma Malignant TGLS = 1-1]

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

Animal Note: All tissues were markedly autolyzed.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 95	TRT#: 6	SEX: Female	DAY ON TEST: 184
	DOSE: 400 MG/L	DISP: Terminal Sacrifice	HISTO: 2006455

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	* Ovary	* Pituitary Gland
* Thymus			

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 96	TRT#: 6 DOSE: 400 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006456
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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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen	* Stomach, Forestomach
* Thymus	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Cyst	Mild
[Cyst TGLS = 1-5]			
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 97	TRT#: 6	SEX: Female	DAY ON TEST: 184
	DOSE: 400 MG/L	DISP: Terminal Sacrifice	HISTO: 2006457

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	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Thymus	* Uterus	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 98 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 161
DOSE: 400 MG/L **DISP:** Natural Death **HISTO:** 2006458

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	* Stomach, Forestomach
* Thyroid Gland	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Erythrocytic	
* Adrenal Medulla		Leukemia Erythrocytic	
* Kidney		Leukemia Erythrocytic	
* Liver		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 4-3+4]			
* Lung		Hemorrhage	Moderate
[Hemorrhage TGLS = 6-1]		Leukemia Erythrocytic	
Lymph Node	Renal	Leukemia Erythrocytic	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Mineralization	Mild
		Pigmentation	Hemosiderin, Mild
* Pituitary Gland		Leukemia Erythrocytic	
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-7]			
* Spleen		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 3-1]			
* 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;Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 99	TRT#: 6 DOSE: 400 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006459
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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	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Thymus	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* 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: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 100

TRT#: 6

SEX: Female

DAY ON TEST: 92

DOSE: 400 MG/L

DISP: Natural Death

HISTO: 2006460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

* Intestine Large, Colon
 Mammary Gland

* Intestine Small, Duodenum
 Skin

* Intestine Small, Ileum
 * Stomach, Forestomach

AUTO PRECLUDES DIAG.

* Thyroid Gland

OBSERVATIONS

* Adrenal Cortex
 * Adrenal Medulla
 * Kidney
 * Liver

[Leukemia Erythrocytic TGLS = 2-3+4]

* Lung
 Lymph Node
 * Lymph Node, Mandibular
 * Lymph Node, Mesenteric
 * Ovary
 * Pituitary Gland
 * Spleen

Mediastinal

Leukemia Erythrocytic
 Leukemia Erythrocytic
 Leukemia Erythrocytic
 Leukemia Erythrocytic

Leukemia Erythrocytic
 Leukemia Erythrocytic
 Leukemia Erythrocytic
 Hyperplasia
 Leukemia Erythrocytic
 Leukemia Erythrocytic
 Leukemia Erythrocytic

Lymphoid, Moderate

[Leukemia Erythrocytic TGLS = 1-1]

* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

- Spleen Leukemia Erythrocytic

CONTRIBUTORY CAUSE OF DEATH

- Liver Leukemia Erythrocytic

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 101	TRT#: 6 DOSE: 400 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006461
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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	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Thymus	

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 102	TRT#: 6	SEX: Female	DAY ON TEST: 28
	DOSE: 400 MG/L	DISP: Natural Death	HISTO: 2006462

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
* Ovary	* Pituitary Gland	* Uterus	

OBSERVATIONS

* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: All tissues are autolyzed.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 103	TRT#: 6	SEX: Female	DAY ON TEST: 153
	DOSE: 400 MG/L	DISP: Natural Death	HISTO: 2006463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Forestomach	* Uterus	

AUTO PRECLUDES DIAG.

* Thyroid Gland

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	
* Lymph Node, Mesenteric		Leukemia Erythrocytic	
		Necrosis	Lymphoid, Mild
* Ovary		Leukemia Erythrocytic	
* Pituitary Gland		Leukemia Erythrocytic	
* Spleen		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 1-1]			
* Thymus		Leukemia Erythrocytic	

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

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 104	TRT#: 6	SEX: Female	DAY ON TEST: 184
	DOSE: 400 MG/L	DISP: Terminal Sacrifice	HISTO: 2006464

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	* Ovary	* Pituitary Gland
* Spleen	* Thymus		

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 105	TRT#: 6	SEX: Female	DAY ON TEST: 184
	DOSE: 400 MG/L	DISP: Terminal Sacrifice	HISTO: 2006465

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	* Ovary	* Pituitary Gland
* Spleen	* Thymus	* Uterus	

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 106	TRT#: 8 DOSE: 800 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006466
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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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Stomach, Forestomach	* Thymus

OBSERVATIONS

* Kidney	Renal Tubule Renal Tubule	Degeneration Hypertrophy Nephropathy	Moderate Minimal Mild
* Liver		Inflammation	Chronic Active, Minimal
* Lung	[Alveolar/Bronchiolar Adenoma TGLS = 2-7]	Alveolar/Bronchiolar Adenoma	
* Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
Skin	[Squamous Cell Papilloma TGLS = 1-6]	Squamous Cell Papilloma	
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	Follicle Follicular Cel	Depletion Secretory Hypertrophy	Marked Marked
* Uterus	Endometrium	Infiltration Cellular Hyperplasia	Lymphocyte, Mild Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 107

TRT#: 8

SEX: Female

DAY ON TEST: 184

DOSE: 800 MG/L

DISP: Terminal Sacrifice

HISTO: 2006467

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	* Ovary	* Stomach, Forestomach	* Thymus
* Uterus			

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Moderate
	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Mild
[Nephropathy TGLS = 2-3+4]			
* Liver	Hepatocyte	Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus			
Note: TGL#1-5-NCL: Thymus considered to be within normal limits histologically.			
* Thyroid Gland	Follicle	Depletion Secretory	Marked
	Follicular Cel	Hypertrophy	Marked
		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 108	TRT#: 8	SEX: Female	DAY ON TEST: 184
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006468

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	* Ovary	* Pituitary Gland	* Spleen

OBSERVATIONS

* Kidney	Renal Tubule Renal Tubule	Degeneration Hypertrophy Nephropathy	Mild Mild Minimal
* Liver		Inflammation	Chronic Active, Mild
* Lymph Node, Mandibular [Hyperplasia TGLS = 2-4]		Hyperplasia	Lymphoid, Moderate
Skin [Squamous Cell Papilloma TGLS = 1-6]		Squamous Cell Papilloma	Multiple
* Stomach, Forestomach	Epithelium Epithelium	Hyperkeratosis Hyperplasia Squamous Cell Papilloma	Minimal Mild
[Squamous Cell Papilloma TGLS = 3-7]			
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle Follicular Cel	Depletion Secretory Hypertrophy	Mild Mild
		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 109	TRT#: 8	SEX: Female	DAY ON TEST: 184
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006469

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	* Ovary	* Pituitary Gland
* Spleen	* Thymus	* Uterus	

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-6]		
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 110

TRT#: 8

SEX: Female

DAY ON TEST: 184

DOSE: 800 MG/L

DISP: Terminal Sacrifice

HISTO: 2006470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart			
Note: TGL#2-6-NCL: Heart considered to be within normal limits histologically.			
* Kidney	Renal Tubule	Degeneration	Moderate
	Renal Tubule	Hypertrophy	Mild
		Nephropathy	Mild
	[Nephropathy TGLS = 3-3+4]		
* Liver	Hepatocyte	Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Moderate
Skin		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLS = 1-7]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Marked
	Follicular Cel	Hypertrophy	Marked
		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 111	TRT#: 8 DOSE: 800 MG/L	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 184 HISTO: 2006471
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Heart			
Note: TGL#2-7-NCL: Heart considered to be within normal limits histologically.			
* Kidney	Renal Tubule	Hypertrophy Nephropathy	Moderate Moderate
* Liver	Hepatocyte	Inflammation Vacuolization Cytoplasmic	Chronic Active, Minimal Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicle Follicular Cel	Depletion Secretory Hypertrophy	Marked Marked
Tooth		Infiltration Cellular Odontogenic Tumor	Lymphocyte, Mild
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 112

TRT#: 8

SEX: Female

DAY ON TEST: 184

DOSE: 800 MG/L

DISP: Terminal Sacrifice

HISTO: 2006472

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	* Ovary	* Spleen
* Thymus	* Uterus		

OBSERVATIONS

* Kidney	Renal Tubule Renal Tubule	Degeneration Hypertrophy Nephropathy	Minimal Moderate Mild
* Liver	Hepatocyte	Inflammation Vacuolization Cytoplasmic	Chronic Active, Minimal Mild
* Pituitary Gland	Pars Distalis Pars Distalis	Cyst Hypertrophy	Minimal Moderate
Skin [Squamous Cell Papilloma TGLS = 1-6]		Squamous Cell Papilloma	
* Stomach, Forestomach	Epithelium Epithelium	Hyperkeratosis Hyperplasia	Minimal Mild
* Thyroid Gland	Follicle Follicular Cel	Depletion Secretory Hypertrophy Infiltration Cellular	Marked Marked Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 113	TRT#: 8	SEX: Female	DAY ON TEST: 184
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006473

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	* Ovary	* Pituitary Gland	Trachea
Ureter	Urethra	* Uterus	

OBSERVATIONS

* Kidney	Renal Tubule	Hypertrophy	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-7]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 3-8]			
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Mild
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 2-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 114

TRT#: 8

SEX: Female

DAY ON TEST: 184

DOSE: 800 MG/L

DISP: Terminal Sacrifice

HISTO: 2006474

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	* Ovary	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Thymus	* Uterus

OBSERVATIONS

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

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 115	TRT#: 8	SEX: Female	DAY ON TEST: 184
	DOSE: 800 MG/L	DISP: Terminal Sacrifice	HISTO: 2006475

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	* Ovary	* Pituitary Gland	* Spleen
* Thymus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Hypertrophy	Mild
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 2-7]			
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 116

TRT#: 8

SEX: Female

DAY ON TEST: 184

DOSE: 800 MG/L

DISP: Terminal Sacrifice

HISTO: 2006476

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	* Ovary	* Spleen
* Stomach, Forestomach	* Thymus	* Uterus	

OBSERVATIONS

* Kidney	Renal Tubule	Degeneration	Minimal
	Renal Tubule	Hypertrophy	Moderate
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Mild
Skin	Epidermis	Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Focal, Marked
[Hyperplasia TGLS = 1-6]			
* Thyroid Gland	Follicle	Depletion Secretory	Marked
	Follicular Cel	Hypertrophy	Marked
		Infiltration Cellular	Lymphocyte, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 117	TRT#: 8 DOSE: 800 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 28 HISTO: 2006477
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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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pituitary Gland	* Uterus	

OBSERVATIONS

* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Mild
	Thymocyte	Necrosis	Moderate
* Thyroid Gland	Follicle	Depletion Secretory	Mild
	Follicular Cel	Hypertrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 118

TRT#: 8

SEX: Female

DAY ON TEST: 184

DOSE: 800 MG/L

DISP: Terminal Sacrifice

HISTO: 2006478

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	* Ovary	* Pituitary Gland	* Spleen
* Thymus	* Uterus		

OBSERVATIONS

* Kidney	Renal Tubule	Hypertrophy Nephropathy	Minimal Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Skin	Epidermis	Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Focal, Mild
Note: TGL#2-7: Nodule involving anal skin, documented at necropsy, is moderate epidermal hyperplasia of adjacent skin histologically. [Hyperplasia TGLS = 2-7]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 3-8]			
* Thyroid Gland	Follicle	Depletion Secretory	Moderate
	Follicular Cel	Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Tooth		Odontogenic Tumor	
[Odontogenic Tumor TGLS = 1-6]			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 119	TRT#: 8 DOSE: 800 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 9 HISTO: 2006479
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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	* Lymph Node, Mandibular
* Ovary	* Pituitary Gland	* Thyroid Gland	* Uterus

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Kidney		Mineralization	Moderate
	Renal Tubule	Necrosis	Moderate
* Liver		Necrosis	Minimal
* Lung		Inflammation	Chronic Active, Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate
	Thymocyte	Necrosis	Marked

PRIMARY CAUSE OF DEATH - Kidney Renal Tubule Necrosis

CONTRIBUTORY CAUSE OF DEATH - Kidney Mineralization

* PROTOCOL REQUIRED TISSUE

Experiment Number: 97013-09
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: 10/20/2014
Time Report Requested: 17:19:53
First Dose M/F: NA / NA
Lab: BAT

ANIMAL ID: 120	TRT#: 8 DOSE: 800 MG/L	SEX: Female DISP: Natural Death	DAY ON TEST: 142 HISTO: 2006480
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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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia Leukemia Erythrocytic	Minimal
* Adrenal Medulla		Leukemia Erythrocytic	
* Kidney		Leukemia Erythrocytic Nephropathy	Mild
* Liver		Leukemia Erythrocytic	
[Leukemia Erythrocytic TGLS = 3,4-3+4]			
* Lung		Alveolar/Bronchiolar Adenoma Leukemia Erythrocytic	
* Pituitary Gland	Pars Distalis	Cyst Leukemia Erythrocytic	Minimal
* Spleen		Leukemia Erythrocytic Necrosis	Moderate
[Leukemia Erythrocytic TGLS = 1-1]			
[Necrosis TGLS = 2-1]			
* Stomach, Forestomach	Epithelium Epithelium	Hyperkeratosis Hyperplasia Squamous Cell Papilloma	Minimal Mild
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicle	Depletion Secretory	Minimal

PRIMARY CAUSE OF DEATH	- Liver Leukemia Erythrocytic
CONTRIBUTORY CAUSE OF DEATH	- Kidney Leukemia Erythrocytic;Lung Leukemia Erythrocytic;Spleen Leukemia Erythrocytic;Spleen Necrosis

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE