

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**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:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 201	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/L	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 184 <b>HISTO:</b> 2006481
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

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**OBSERVATIONS**

* Epididymis Note: The tubules of one epididymis contain no spermatozoa.		Degeneration	Marked
* Liver [ Vacuolization Cytoplasmic TGLS = 1-3+4 ]	Hepatocyte Hepatocyte	Fatty Change Vacuolization Cytoplasmic	Minimal Moderate
* Testes	Germinal Epith	Cyst Degeneration Mineralization	Mild Moderate Minimal
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 202	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/L	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 184 <b>HISTO:</b> 2006482
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Thyroid Gland

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 203

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006483

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Lung		Inflammation	Chronic Active, Mild
* Thymus		Cyst	Mild
		Ectopic Thyroid	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 204

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006484

**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
* Spleen	* Testes	* Thymus	* Thyroid Gland

**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 205	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/L	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 184 <b>HISTO:</b> 2006485
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Thyroid Gland	

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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Testes	Germinal Epith	Degeneration	Minimal
* Thymus		Cyst	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 206

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006486

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

**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thymus		Cyst	Mild
		Ectopic Parathyroid Gland	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 207	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/L	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 184 <b>HISTO:</b> 2006487
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Thymus	* Thyroid Gland

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**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change Inflammation	Minimal Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Testes	Germinal Epith	Degeneration	Minimal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 208

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006488

**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
* Spleen	* Stomach, Forestomach	* Thyroid Gland	

**OBSERVATIONS**

* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Testes	Germinal Epith	Degeneration	Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 209

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006489

**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
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pituitary Gland	* Spleen
* Testes	* Thyroid Gland		

**OBSERVATIONS**

* Adrenal Cortex		Hypertrophy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 210	<b>TRT#:</b> 1 <b>DOSE:</b> 0 MG/L	<b>SEX:</b> Male <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 184 <b>HISTO:</b> 2006490
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Spleen	* Thymus	* Thyroid Gland	

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**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Germinal Epith	Degeneration	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 211	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 184
	<b>DOSE:</b> 0 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006491

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Thymus		Cyst	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 212

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 173

**DOSE:** 0 MG/L

**DISP:** Natural Death

**HISTO:** 2006492

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	Mesentery	* Pituitary Gland
* Stomach, Forestomach	* Testes	* Thyroid Gland	

**MISSING**

* Adrenal Cortex	* Adrenal Medulla	* Thymus
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**OBSERVATIONS**

* Kidney		Lymphoma Malignant
* Liver		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 2-3+4 ]		
* Lung		Lymphoma Malignant
Lymph Node	Lumbar	Lymphoma Malignant
	Mediastinal	Lymphoma Malignant
	Renal	Lymphoma Malignant
[ Lymphoma Malignant TGLS = 7-5 ]		
[ Lymphoma Malignant TGLS = 5-6 ]		
[ Lymphoma Malignant TGLS = 6-7 ]		
* Lymph Node, Mandibular		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 1-4 ]		
* Lymph Node, Mesenteric		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 8,9-8+3 ]		
Mesentery		
Note: TGL#8-8: Histologically, the mesentery fat nodule, documented at necropsy, is an enlarged mesenteric lymph node due to malignant lymphoma.		
* Spleen		Lymphoma Malignant
[ Lymphoma Malignant TGLS = 4-1 ]		

**PRIMARY CAUSE OF DEATH**

- Spleen Lymphoma Malignant

**CONTRIBUTORY CAUSE OF DEATH**

- Liver Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 213

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006493

**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
* Thyroid Gland			

**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 214

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006494

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Intestine Large, Colon  
\* Kidney  
\* Pituitary Gland  
\* Thyroid Gland

\* 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  
\* Thymus

**OBSERVATIONS**

\* Liver

Hepatocyte  
Germinal Epith

Inflammation  
Vacuolization Cytoplasmic  
Degeneration

Chronic Active, Minimal  
Minimal  
Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 215

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006495

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

\* Adren Cortex

Note: Only one adrenal gland available for histologic examination.

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 216

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006496

**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	* Thyroid Gland	

**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 217

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006497

**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	* Thymus

**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Testes	Germinal Epith	Degeneration	Minimal
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 218

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006498

**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	* Thyroid Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 219

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006499

**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

Subcapsular

Hyperplasia

Minimal

\* Liver

Hepatocyte

Fatty Change

Minimal

Hepatocyte

Vacuolization Cytoplasmic

Marked

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 220

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006500

**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	* Thyroid Gland	

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Testes	Germinal Epith	Degeneration	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 221

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006501

**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	* Thyroid Gland	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 222

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006502

**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	* Thymus	* Thyroid Gland

**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change Inflammation	Mild Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Testes	Germinal Epith	Degeneration	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 223

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006503

**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	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 224

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006504

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Intestine Large, Colon  
\* Kidney  
\* Pituitary Gland  
\* Thyroid Gland

\* 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  
\* Thymus

Hepatocyte  
Inflammation  
Vacuolization Cytoplasmic  
Cyst  
Chronic Active, Minimal  
Mild  
Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 225	<b>TRT#:</b> 3	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 184
	<b>DOSE:</b> 80 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006505

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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

---

**OBSERVATIONS**

* Adren Cortex			
Note: Only one adrenal gland available for histologic examination.			
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 226

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006506

**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

Hepatocyte

Hepatocyte

Nephropathy  
Fatty Change  
Inflammation  
Vacuolization Cytoplasmic

Minimal  
Minimal  
Chronic Active, Minimal  
Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 227

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 143

**DOSE:** 80 MG/L

**DISP:** Moribund Sacrifice

**HISTO:** 2006507

**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, Mesenteric	* Testes		

**OBSERVATIONS**

* Kidney		Lymphoma Malignant	
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
Note: TGL#1-6: Mandibular lymph node also involved along with the salivary glands.			
Mesentery		Lymphoma Malignant	
* Pituitary Gland		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 1-6 ]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Lymphoma Malignant	
[ Lymphoma Malignant TGLS = 2-5 ]			
* Thyroid Gland		Lymphoma Malignant	
Trachea		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Lymph Node;Mandibular Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 228

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006508

**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

Hepatocyte

Hepatocyte

Nephropathy  
Fatty Change  
Inflammation  
Vacuolization Cytoplasmic

Minimal  
Minimal  
Chronic Active, Minimal  
Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 229

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006509

**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

Hepatocyte

Hepatocyte

Nephropathy  
Fatty Change  
Inflammation  
Vacuolization Cytoplasmic

Minimal  
Mild  
Chronic Active, Minimal  
Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 230

**TRT#:** 3

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006510

**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
* Thyroid Gland			

**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 231

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006511

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Intestine Large, Cecum [ Polyp Adenomatous TGLS = 1-6 ]	Polyp Adenomatous	
* Kidney	Nephropathy	Minimal
* Liver	Inflammation	Chronic Active, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 232

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006512

**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	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 233

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006513

**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	* Thyroid Gland	

**OBSERVATIONS**

* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Testes	Germinal Epith	Degeneration	Minimal
* Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 234

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006514

**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

Fatty Change

Minimal

Hepatocyte

Inflammation

Chronic Active, Minimal

Vacuolization Cytoplasmic

Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 235

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006515

**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	* Thyroid Gland	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Testes	Germinal Epith	Degeneration	Minimal
* Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 236

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006516

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Intestine Large, Colon  
\* Kidney  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Intestine Small, Duodenum  
\* Lung  
\* Stomach, Forestomach

\* Epididymis  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Testes

\* Intestine Large, Cecum  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Thymus

**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change Inflammation	Minimal Chronic Active, Minimal
* Pituitary Gland	Hepatocyte Pars Distalis	Vacuolization Cytoplasmic Cyst	Moderate Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 237

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006517

**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

Hepatocyte

Fatty Change

Minimal

Inflammation

Chronic Active, Minimal

Hepatocyte

Vacuolization Cytoplasmic

Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 238

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006518

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

\* Adrenal Medulla  
\* Intestine Small, Duodenum  
\* Lung  
\* Spleen  
\* Thyroid Gland

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

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

**OBSERVATIONS**

\* Liver

Hepatocyte

Fatty Change

Minimal

Inflammation

Chronic Active, Minimal

Hepatocyte

Vacuolization Cytoplasmic

Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 239

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006519

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

**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Testes	Germinal Epith	Degeneration	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:49  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 240

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006520

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

\* Adrenal Medulla  
\* Intestine Small, Duodenum  
\* Lung  
\* Spleen  
\* Thyroid Gland

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

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

**OBSERVATIONS**

\* Liver

Hepatocyte

Inflammation  
Vacuolization Cytoplasmic

Chronic Active, Minimal  
Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 241

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006521

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Pituitary Gland	* Stomach, Forestomach	* Testes
* Thyroid Gland			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 2-3 ]		
* Spleen		Lymphoma Malignant	
	[ Lymphoma Malignant TGLS = 1-1 ]		
* Thymus		Lymphoma Malignant	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 242

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006522

**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	

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Fatty Change	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Thymus		Hyperplasia	Lymphoid, Marked
[ Hyperplasia TGLS = 1-5 ]			
* Thyroid Gland		Ectopic Thymus	Mild
		Infiltration Cellular	Lymphocyte, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 243

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 128

**DOSE:** 400 MG/L

**DISP:** Moribund Sacrifice

**HISTO:** 2006523

**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	* Spleen
* Testes	* Thymus	* Thyroid Gland	

**OBSERVATIONS**

* Epididymis		Granuloma Sperm	Moderate
* Liver		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

- UNCERTAIN

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 244

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006524

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

\* Adrenal Medulla  
\* Intestine Small, Duodenum  
\* Lung  
\* Spleen  
\* Thyroid Gland

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

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

**OBSERVATIONS**

\* Liver

Hepatocyte

Fatty Change

Mild

Inflammation

Chronic Active, Minimal

Hepatocyte

Vacuolization Cytoplasmic

Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 245

**TRT#:** 5

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006525

**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

Hepatocyte  
Hepatocyte

Nephropathy  
Fatty Change  
Vacuolization Cytoplasmic

Minimal  
Mild  
Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 246

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006526

**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	* Thymus
* Thyroid Gland			

**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Testes	Germinal Epith	Degeneration	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 247

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006527

**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	* Thyroid Gland

**OBSERVATIONS**

* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 248	<b>TRT#:</b> 7	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 184
	<b>DOSE:</b> 800 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006528

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum [ Carcinoma TGLS = 1-6 ]		Carcinoma	
* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Germinal Epith	Degeneration	Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 249

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 111

**DOSE:** 800 MG/L

**DISP:** Natural Death

**HISTO:** 2006529

**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	* Testes	* Thyroid Gland

**MISSING**

\* Stomach, Forestomach

**OBSERVATIONS**

\* Lymph Node, Mandibular Lymphoma Malignant

Note: Lesion is suggestive of an early malignant lymphoma arising in this lymph node.

\* Thymus Lymphoma Malignant

[ Lymphoma Malignant TGLS = 1-6 ]

**PRIMARY CAUSE OF DEATH**

- Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 250

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006530

**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	Fatty Change	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 251

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006531

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Intestine Large, Colon  
\* Kidney  
\* Pituitary Gland  
\* Thyroid Gland

\* 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

Inflammation  
Vacuolization Cytoplasmic  
Cyst

Chronic Active, Minimal  
Moderate  
Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 252

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006532

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

\* Adrenal Medulla  
\* Intestine Small, Duodenum  
\* Lung  
\* Spleen  
\* Thyroid Gland

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

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

**OBSERVATIONS**

\* Liver

Hepatocyte

Fatty Change

Minimal

Inflammation

Chronic Active, Minimal

Hepatocyte

Vacuolization Cytoplasmic

Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 253

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006533

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Intestine Large, Colon  
\* Kidney  
\* Spleen  
\* Thyroid Gland

\* Adrenal Medulla  
\* Intestine Small, Duodenum  
\* Lung  
\* Stomach, Forestomach

\* Epididymis  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Testes

\* Intestine Large, Cecum  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Thymus

**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change Inflammation	Minimal Chronic Active, Minimal
* Pituitary Gland	Hepatocyte Pars Distalis	Vacuolization Cytoplasmic Cyst	Moderate Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 254

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006534

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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 255

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006535

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Intestine Large, Colon  
\* Kidney  
\* Pituitary Gland  
\* Thyroid Gland

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

\* Epididymis  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Testes

\* Intestine Large, Cecum  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Thymus

**OBSERVATIONS**

\* Liver  
  
\* Stomach, Forestomach

Hepatocyte  
Epithelium

Inflammation  
Vacuolization Cytoplasmic  
Hyperplasia

Chronic Active, Minimal  
Mild  
Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 256

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006536

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

**OBSERVATIONS**

* Liver	Hepatocyte	Fatty Change	Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 257

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006537

**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

Hepatocyte

Hepatocyte

Nephropathy  
Fatty Change  
Inflammation  
Vacuolization Cytoplasmic

Minimal  
Minimal  
Chronic Active, Minimal  
Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 258

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006538

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Medulla  
\* Intestine Small, Duodenum  
\* Lung  
\* Spleen  
\* Thyroid Gland

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

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

\* Intestine Large, Colon  
\* Kidney  
\* Pituitary Gland  
\* Thymus

**OBSERVATIONS**

\* Adrenal Cortex  
\* Liver

Subcapsular  
Hepatocyte  
  
Hepatocyte

Hyperplasia  
Fatty Change  
Inflammation  
Vacuolization Cytoplasmic

Minimal  
Minimal  
Chronic Active, Minimal  
Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 259

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006539

**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

Inflammation  
Vacuolization Cytoplasmic  
Ectopic Thymus

Chronic Active, Minimal  
Moderate  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 260

**TRT#:** 7

**SEX:** Male

**DAY ON TEST:** 184

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006540

**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  
Vacuolization Cytoplasmic

Minimal  
Chronic Active, Minimal  
Minimal

Hepatocyte

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 261	<b>TRT#:</b> 2 <b>DOSE:</b> 0 MG/L	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 2006541
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	

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**OBSERVATIONS**

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 262

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006542

**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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 263

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006543

**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	* Thyroid Gland
* Uterus			

**OBSERVATIONS**

* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 264

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 154

**DOSE:** 0 MG/L

**DISP:** Natural Death

**HISTO:** 2006544

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

* Adrenal Medulla	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Ovary	* Pituitary Gland
* Thyroid Gland	* Uterus		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Lymphoma Malignant	
* Liver	Hepatocyte	Fatty Change	Minimal
		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
		[ Hematopoietic Cell Proliferation TGLS = 2-1 ]	
		[ Lymphoma Malignant TGLS = 2-1 ]	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Thymus		Lymphoma Malignant	
		[ Lymphoma Malignant TGLS = 1-5 ]	

**PRIMARY CAUSE OF DEATH** - Thymus Lymphoma Malignant

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 265

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006545

**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
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 266

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006546

**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	* Thyroid Gland	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Parathyroid Gland		Cyst	Mild
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 267

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006547

**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	* Thyroid Gland	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 268

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006548

**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
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 269

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006549

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 270

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006550

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland		Ectopic Thymus	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 271

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006551

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

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 272

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006552

**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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Suppurative, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 273

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006553

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Medulla  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Spleen  
\* Uterus

\* Intestine Large, Cecum  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Stomach, Forestomach

\* Intestine Large, Colon  
\* Kidney  
\* Ovary  
\* Thymus

\* Intestine Small, Duodenum  
\* Lung  
\* Pituitary Gland  
\* Thyroid Gland

**OBSERVATIONS**

\* Adrenal Cortex  
\* Liver

Subcapsular  
  
Hepatocyte

Hyperplasia  
Inflammation  
Vacuolization Cytoplasmic

Minimal  
Chronic Active, Minimal  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 274

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006554

**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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 275

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 0 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006555

**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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 276	<b>TRT#:</b> 4 <b>DOSE:</b> 80 MG/L	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 2006556
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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	* Ovary	* Pituitary Gland	* Spleen
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Uterus

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**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Hepatocyte	Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 277	<b>TRT#:</b> 4 <b>DOSE:</b> 80 MG/L	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 2006557
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Thyroid Gland	

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 278

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006558

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

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Liver	Hepatocyte	Inflammation Vacuolization Cytoplasmic	Chronic Active, Minimal Minimal
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 279	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 80 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006559

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Thyroid Gland		Ectopic Thymus	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 280

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006560

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

**MISSING**

\* Lymph Node, Mesenteric

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 281	<b>TRT#:</b> 4	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 80 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006561

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Thyroid Gland	

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
		Ectopic Parathyroid Gland	Minimal
* Uterus		Polyp Stromal	

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PRIMARY CAUSE OF DEATH

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-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 282

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006562

**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	* Thyroid Gland

**OBSERVATIONS**

* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 283

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006563

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Medulla  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Spleen

\* Intestine Large, Cecum  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Stomach, Forestomach

\* Intestine Large, Colon  
\* Kidney  
\* Ovary

\* Intestine Small, Duodenum  
\* Lung  
\* Pituitary Gland

**OBSERVATIONS**

\* Adrenal Cortex  
\* Liver  
\* Thymus  
\* Thyroid Gland  
\* Uterus

Subcapsular  
  
  
  
Endometrium

Hyperplasia  
Inflammation  
Cyst  
Infiltration Cellular  
Hyperplasia

Minimal  
Chronic Active, Minimal  
Minimal  
Lymphocyte, Minimal  
Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 284

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006564

**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			

**OBSERVATIONS**

* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 285

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006565

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Medulla  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Spleen  
\* Uterus

\* Intestine Large, Cecum  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Stomach, Forestomach

\* Intestine Large, Colon  
\* Kidney  
\* Ovary  
\* Thymus

\* Intestine Small, Duodenum  
\* Lung  
\* Pituitary Gland  
\* Thyroid Gland

**OBSERVATIONS**

\* Adrenal Cortex  
\* Liver

Subcapsular  
Hepatocyte

Hyperplasia  
Vacuolization Cytoplasmic

Minimal  
Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 286

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006566

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 287

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006567

**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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 288

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006568

**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	* Uterus	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
		Ectopic Parathyroid Gland	Minimal
* Thyroid Gland		Ectopic Thymus	Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 289

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006569

**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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 290

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 80 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006570

**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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 291	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 400 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006571

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland		Ectopic Thymus	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 292	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 400 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006572

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Intestine Small, Jejunum [ Diverticulum TGLS = 1-6 ]		Diverticulum	
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 293

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006573

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Medulla  
\* Intestine Small, Ileum  
\* Lymph Node, Mesenteric  
\* Thyroid Gland

\* Intestine Large, Cecum  
\* Intestine Small, Jejunum  
\* Ovary

\* Intestine Large, Colon  
\* Lung  
\* Pituitary Gland

\* Intestine Small, Duodenum  
\* Lymph Node, Mandibular  
\* Spleen

**OBSERVATIONS**

\* Adrenal Cortex  
\* Kidney  
\* Liver

Subcapsular

Hyperplasia  
Nephropathy  
Inflammation

Minimal  
Minimal  
Chronic Active, Minimal

\* Stomach, Forestomach  
\* Thymus  
\* Uterus

Hepatocyte  
Epithelium

Vacuolization Cytoplasmic  
Hyperplasia  
Cyst  
Hyperplasia

Minimal  
Minimal  
Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 294

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006574

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Medulla  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Spleen

\* Intestine Large, Cecum  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Stomach, Forestomach

\* Intestine Large, Colon  
\* Kidney  
\* Ovary  
\* Thyroid Gland

\* Intestine Small, Duodenum  
\* Lung  
\* Pituitary Gland  
\* Uterus

**OBSERVATIONS**

\* Adrenal Cortex  
\* Liver  
\* Thymus

Subcapsular

Hyperplasia  
Inflammation  
Cyst

Minimal  
Chronic Active, Minimal  
Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 295

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006575

**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		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 296

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006576

**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	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Thyroid Gland	

**OBSERVATIONS**

* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Mild
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 297	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 400 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006577

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Stomach, Forestomach	* Thyroid Gland		

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lym Node Mand			
Note: TGL#1-4-NCL: Enlarged mandibular lymph nodes, documented at necropsy considered to be within normal limits histologically.			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 298	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 400 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006578

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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		

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland		Ectopic Thymus	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 299

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006579

**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	* Thyroid Gland	* Uterus

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Parathyroid Gland		Cyst	Minimal
* Thymus		Cyst	Minimal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 300	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 400 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006580

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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
* Stomach, Forestomach	* Thyroid Gland	* Uterus	

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Ectopic Parathyroid Gland	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 301	<b>TRT#:</b> 6 <b>DOSE:</b> 400 MG/L	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 2006581
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Thyroid Gland

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**OBSERVATIONS**

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

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 302	<b>TRT#:</b> 6	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 400 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006582

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Thyroid Gland	

---

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Suppurative, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 303

**TRT#:** 6

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 400 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006583

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
Trachea			
Note: Focal irregularity involving the trachea resembles a small papilloma. An artifact thought to be due to compression of the tracheal rings.			
* Uterus		Polyp Stromal	

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 304	<b>TRT#:</b> 6 <b>DOSE:</b> 400 MG/L	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 2006584
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Thyroid Gland	* Uterus	

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 305	<b>TRT#:</b> 6 <b>DOSE:</b> 400 MG/L	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 2006585
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 306

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006586

**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	* Thyroid Gland	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Ectopic Thyroid	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 307	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 800 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006587

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Spleen
* Thyroid Gland			

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Ectopic Parathyroid Gland	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 308

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 127

**DOSE:** 800 MG/L

**DISP:** Natural Death

**HISTO:** 2006588

**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	* Thyroid Gland
* Uterus			

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Note: TGL#3-6: Enlarged left adrenal gland, documented at necropsy, is a mesenteric hemangiosarcoma histologically.			
Note: Only one adrenal gland available for histologic examination.			
* Kidney		Hydronephrosis	Mild
* Liver		Angiectasis	Moderate
		Hemangiosarcoma	Metastatic (Mesentery)
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
	[ Angiectasis TGLS = 1-3 ]		
	Mesentery	Hemangiosarcoma	
	[ Hemangiosarcoma TGLS = 3,4-6+7 ]		
* Spleen		Hematopoietic Cell Proliferation	Marked
	[ Hematopoietic Cell Proliferation TGLS = 2-1 ]		
* Stomach, Forestomach		Inflammation	Minimal
* Thymus		Atrophy	Mild

**PRIMARY CAUSE OF DEATH** - Mesentery Hemangiosarcoma

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 309	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 800 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006589

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Stomach, Forestomach
* Thymus			

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* 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
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 310	<b>TRT#:</b> 8 <b>DOSE:</b> 800 MG/L	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 2006590
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 311

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006591

**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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Hepatocyte	Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 312	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 800 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006592

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Thyroid Gland	

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 313

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006593

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

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

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Ovary		Cyst	Mild

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 314	<b>TRT#:</b> 8 <b>DOSE:</b> 800 MG/L	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 2006594
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Thyroid Gland	* Uterus	

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 315	<b>TRT#:</b> 8	<b>SEX:</b> Female	<b>DAY ON TEST:</b> 185
	<b>DOSE:</b> 800 MG/L	<b>DISP:</b> Terminal Sacrifice	<b>HISTO:</b> 2006595

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary			
Note: Only one ovary available for histological examination.			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 316

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006596

**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	* Thyroid Gland	

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Ectopic Parathyroid Gland	Minimal
		Ectopic Thyroid	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 317	<b>TRT#:</b> 8 <b>DOSE:</b> 800 MG/L	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 2006597
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

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

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**MISSING**

\* Lymph Node, Mesenteric

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

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<b>ANIMAL ID:</b> 318	<b>TRT#:</b> 8 <b>DOSE:</b> 800 MG/L	<b>SEX:</b> Female <b>DISP:</b> Terminal Sacrifice	<b>DAY ON TEST:</b> 185 <b>HISTO:</b> 2006598
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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**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	* Thyroid Gland	* Uterus

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**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 319

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006599

**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		

**OBSERVATIONS**

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Thymus		Cyst	Minimal
* Thyroid Gland	Follicle	Depletion Secretory	Minimal
	Follicular Cel	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** 97013-10  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

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

**Date Report Requested:** 10/21/2014  
**Time Report Requested:** 20:43:50  
**First Dose M/F:** NA / NA  
**Lab:** BAT

**ANIMAL ID:** 320

**TRT#:** 8

**SEX:** Female

**DAY ON TEST:** 185

**DOSE:** 800 MG/L

**DISP:** Terminal Sacrifice

**HISTO:** 2006600

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

\* Adrenal Cortex  
\* Intestine Small, Duodenum  
\* Lung  
\* Pituitary Gland  
\* Thyroid Gland

\* Adrenal Medulla  
\* Intestine Small, Ileum  
\* Lymph Node, Mandibular  
\* Spleen  
\* Uterus

\* Intestine Large, Cecum  
\* Intestine Small, Jejunum  
\* Lymph Node, Mesenteric  
\* Stomach, Forestomach

\* Intestine Large, Colon  
\* Kidney  
\* Ovary  
\* Thymus

**OBSERVATIONS**

\* Liver

Inflammation

Chronic Active, Minimal

PRIMARY CAUSE OF DEATH

-

**\*\* END OF REPORT \*\***

\* PROTOCOL REQUIRED TISSUE