

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

C Number:	C96010A
Lock Date:	09/25/1998
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: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 1	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 22 HISTO: 98-83590
---------------------	---------------------------------------	-----------------------------------------------------	--------------------------------------------------

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver	Hepatodiaphragmatic Nodule	Mild
---------	----------------------------	------

[Hepatodiaphragmatic Nodule TGLS = 1-21]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 2	TRT#: 1	SEX: Male	DAY ON TEST: 22
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Prostate		Inflammation	Chronic, Mild
* Salivary Glands	Parotid GI	Basophilic Focus	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 3	TRT#: 1	SEX: Male	DAY ON TEST: 22
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |
-

OBSERVATIONS

- | | | | |
|-------------------|------------|------------------|------|
| * Salivary Glands | Parotid Gl | Basophilic Focus | Mild |
|-------------------|------------|------------------|------|
-

PRIMARY CAUSE OF DEATH

-
Animal Note: Lung - terminal aspiration of blood in alveoli.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney |
| * Liver | * Lung | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Lymph Node, Mandibular

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Liver		Hemorrhage	Focal, Minimal
		Vacuolization Cytoplasmic	Focal, Mild
* Salivary Glands	Parotid GI	Basophilic Focus	Minimal
* Thymus		Hemorrhage	Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 7	TRT#: 1 DOSE: 0 MG/L	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 22 HISTO: 98-83596
---------------------	---------------------------------------	-----------------------------------------------------	--------------------------------------------------

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Salivary Glands	Parotid GI	Basophilic Focus	Minimal
-------------------	------------	------------------	---------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 8	TRT#: 1	SEX: Male	DAY ON TEST: 22
	DOSE: 0 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Pituitary Gland
--------------------------	-------------------

OBSERVATIONS

* Lung	Hemorrhage	Focal, Minimal
[Hemorrhage TGLS = 1-2]		
* Thymus	Hemorrhage	Focal, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	Lymph Node	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Salivary Glands	Parotid GI	Basophilic Focus	Minimal
-------------------	------------	------------------	---------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- * Heart
- * Intestine Small, Duodenum
- * Liver
- * Nose
- * Preputial Gland
- * Skin
- * Testes
- * Urinary Bladder

- * Adrenal Medulla
- * Brain
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Pancreas
- * Prostate
- * Spleen
- * Thymus

- * Blood Vessel
- * Epididymis
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Salivary Glands
- * Stomach, Forestomach
- * Thyroid Gland

- * Bone
- * Esophagus
- * Intestine Large, Rectum
- * Kidney
- * Mammary Gland
- * Pituitary Gland
- * Seminal Vesicle
- * Stomach, Glandular
- * Trachea

MISSING

- * Lymph Node, Mandibular

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 21

TRT#: 5

SEX: Male

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Liver

Hepatodiaphragmatic Nodule

Mild

[Hepatodiaphragmatic Nodule TGLS = 1-21,2-22]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 22

TRT#: 5

SEX: Male

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Kidney	Medulla	Congestion	Mild
[Congestion TGLS = 1-5]			
Liver		Hepatodiaphragmatic Nodule	Mild
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
Lung		Hemorrhage	Focal, Minimal
[Hemorrhage TGLS = 2-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 23

TRT#: 5

SEX: Male

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Lymph Node

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 24	TRT#: 5	SEX: Male	DAY ON TEST: 22
	DOSE: 250 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Lymph Node	* Thyroid Gland
----------------	------------	-----------------

OBSERVATIONS

Pancreas
Note: Tissue NOS was ectopic spleen attached to pancreas. Corresponds to TGL 2-7.

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 25

TRT#: 5

SEX: Male

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lymph Node

Deep Cervical

Hyperplasia

Lymphoid, Mild

[Hyperplasia TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 26

TRT#: 5

SEX: Male

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

* Thyroid Gland

OBSERVATIONS

Lung

Hemorrhage

Focal, Minimal

Inflammation

Chronic, Focal, Minimal

[Hemorrhage TGLS = 2-2]

[Inflammation TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 27

TRT#: 5

SEX: Male

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lung

Hemorrhage

Focal, Minimal

[Hemorrhage TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 28	TRT#: 5	SEX: Male	DAY ON TEST: 22
	DOSE: 250 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lymph Node [Hyperplasia TGLS = 1-21]	Deep Cervical	Hyperplasia	Lymphoid, Minimal
-------------------------------------------	---------------	-------------	-------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 29

TRT#: 5

SEX: Male

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 30

TRT#: 5

SEX: Male

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

MISSING

Lymph Node

OBSERVATIONS

Lymph Node

Note: Tissue on slide 21 was thymus.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 31

TRT#: 7

SEX: Male

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83620

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 32

TRT#: 7

SEX: Male

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 33

TRT#: 7

SEX: Male

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 34

TRT#: 7

SEX: Male

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lung		Hemorrhage	Focal, Minimal
[Hemorrhage TGLS = 2-2]			
Lymph Node	Deep Cervical	Hemorrhage	Minimal
[Hemorrhage TGLS = 1-21]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 35

TRT#: 7

SEX: Male

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83624

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 36	TRT#: 7	SEX: Male	DAY ON TEST: 22
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lymph Node	Deep Cervical	Hemorrhage	Minimal
	Pancreatic	Hemorrhage	Mild
[Hemorrhage TGLS = 1-7]			
[Hemorrhage TGLS = 2-21]			

PRIMARY CAUSE OF DEATH

-

Animal Note: Thyroid and parathyroid on slide 21.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 37

TRT#: 7

SEX: Male

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lung

Hemorrhage

Focal, Minimal

[Hemorrhage TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 38

TRT#: 7

SEX: Male

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83627

OBSERVATIONS

Lung [Hemorrhage TGLS = 3-2]		Hemorrhage	Focal, Minimal
Lymph Node [Hemorrhage TGLS = 1-7] [Hyperplasia TGLS = 2-21]	Pancreatic Deep Cervical	Hemorrhage Hyperplasia	Mild Lymphoid, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 39	TRT#: 7	SEX: Male	DAY ON TEST: 22
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lung		Hemorrhage	Focal, Minimal
[Hemorrhage TGLS = 3-2]			
Lymph Node	Deep Cervical	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 2-21]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 40

TRT#: 7

SEX: Male

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 41	TRT#: 9	SEX: Male	DAY ON TEST: 22
	DOSE: 1000MG/L	DISP: Terminal Sacrifice	HISTO: 98-83630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

OBSERVATIONS

* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Minimal
-----------------	----------------	-------------	------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 42	TRT#: 9	SEX: Male	DAY ON TEST: 22
	DOSE: 1000MG/L	DISP: Terminal Sacrifice	HISTO: 98-83631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

OBSERVATIONS

* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Minimal
-----------------	----------------	-------------	------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 43	TRT#: 9	SEX: Male	DAY ON TEST: 22
	DOSE: 1000MG/L	DISP: Terminal Sacrifice	HISTO: 98-83632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

OBSERVATIONS

* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Minimal
-----------------	----------------	-------------	------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 44

TRT#: 9

SEX: Male

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83633

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 45

TRT#: 9

SEX: Male

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83634

OBSERVATIONS

Lung

Hemorrhage

Focal, Minimal

[Hemorrhage TGLS = 1-2]

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 46

TRT#: 9

SEX: Male

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

Lymph Node

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 47

TRT#: 9

SEX: Male

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83636

OBSERVATIONS

Lung [Hemorrhage TGLS = 2-2]		Hemorrhage	Focal, Minimal
Lymph Node [Ectasia TGLS = 1-21]	Deep Cervical	Ectasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 48

TRT#: 9

SEX: Male

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83637

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 49

TRT#: 9

SEX: Male

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83638

OBSERVATIONS

Lung [Hemorrhage TGLS = 3-2]		Hemorrhage	Focal, Minimal
Lymph Node [Hemorrhage TGLS = 1-7]	Pancreatic	Hemorrhage	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:36
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 50

TRT#: 9

SEX: Male

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 51

TRT#: 11

SEX: Male

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Focal, Minimal
* Lung		Hemorrhage	Focal, Minimal
	Interstitial	Inflammation	Chronic, Focal, Minimal
[Hemorrhage TGLS = 2-2]			
[Inflammation TGLS = 2-2]			
* Salivary Glands	Parotid GI	Basophilic Focus	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild

Note: Atropy was characterized by depletion of secretion.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 52

TRT#: 11

SEX: Male

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Lung		Hemorrhage	Focal, Minimal
[Hemorrhage TGLS = 2-2]			
Lymph Node	Deep Cervical	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 1-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Esophagus	* Lymph Node, Mandibular
-------------	--------------------------

OBSERVATIONS

* Lung		Hemorrhage	Focal, Minimal
Lymph Node	Deep Cervical	Hemorrhage	Mild
[Hemorrhage TGLS = 1-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 54

TRT#: 11

SEX: Male

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney |
| * Liver | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|-----------------------------|-----------------|----------------------------|-------------------------------------------|
| * Lung | | Hemorrhage
Inflammation | Focal, Minimal
Chronic, Focal, Minimal |
| | Interstitialium | | |
| [Hemorrhage TGLS = 2-2] | | | |
| [Inflammation TGLS = 2-2] | | | |
| * Salivary Glands | Parotid GI | Basophilic Focus | Minimal |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Diffuse, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 55

TRT#: 11

SEX: Male

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney |
| * Liver | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | |
|--------------------------|-----------------|
| * Lymph Node, Mandibular | * Mammary Gland |
|--------------------------|-----------------|

OBSERVATIONS

- | | | | |
|-----------------------------|----------------|------------------|-------------------------|
| * Lung | | Hemorrhage | Focal, Minimal |
| | Interstitial | Inflammation | Chronic, Focal, Minimal |
| [Inflammation TGLS = 1-2] | | | |
| Lymph Node | Deep Cervical | Hyperplasia | Lymphoid, Mild |
| [Hyperplasia TGLS = 2-21] | | | |
| * Salivary Glands | Parotid GI | Basophilic Focus | Minimal |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Diffuse, Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:36

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney |
| * Liver | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thymus |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|----------------------------|----------------|------------------|----------------|
| * Lung | | Hemorrhage | Focal, Minimal |
| [Hemorrhage TGLS = 1-2] | | | |
| Lymph Node | Deep Cervical | Hemorrhage | Minimal |
| [Hemorrhage TGLS = 2-21] | | | |
| * Salivary Glands | Parotid GI | Basophilic Focus | Minimal |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Diffuse, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild
-----------------	----------------	-------------	---------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 58

TRT#: 11

SEX: Male

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney |
| * Liver | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Testes |
| * Thymus | * Trachea | * Urinary Bladder | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|------------------------------------------------|----------------|-----------------------|----------------------------|
| * Lung
[Infiltration Cellular TGLS = 1-2] | Alveolus | Infiltration Cellular | Histiocyte, Focal, Minimal |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Diffuse, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney |
| * Liver | * Lung | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Trachea | * Urinary Bladder |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|-----------------------------|----------------|-------------|----------------|
| Lymph Node | Deep Cervical | Hemorrhage | Minimal |
| | Deep Cervical | Hyperplasia | Lymphoid, Mild |
| [Hemorrhage TGLS = 1-21] | | | |
| [Hyperplasia TGLS = 1-21] | | | |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Diffuse, Mild |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 60

TRT#: 11

SEX: Male

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Lung [Inflammation TGLS = 2-2]	Interstitialium	Inflammation	Chronic, Focal, Minimal
Lymph Node [Hemorrhage TGLS = 1-21]	Deep Cervical	Hemorrhage	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 61

TRT#: 2

SEX: Female

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney |
| * Lung | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------------------------------|-------------------------------------|
| * Liver | | Hemorrhage
Hepatodiaphragmatic Nodule | Focal, Mild
Mild |
| Note: Tissue described as mesentery was ectopic hepatic tissue filled with blood.
[Hemorrhage TGLS = 2-22]
[Hepatodiaphragmatic Nodule TGLS = 1-21] | | | |
| Lymph Node | Deep Cervical
Pancreatic | Hyperplasia
Hyperplasia | Lymphoid, Minimal
Lymphoid, Mild |
| [Hyperplasia TGLS = 4-7]
[Hyperplasia TGLS = 3-23] | | | |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 62

TRT#: 2

SEX: Female

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
Lymph Node
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Bone
* Esophagus
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 63

TRT#: 2

SEX: Female

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	Lymph Node	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Mammary Gland
--------------------------	-----------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 64

TRT#: 2

SEX: Female

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney |
| * Liver | * Lung | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

MISSING

- * Lymph Node, Mandibular

OBSERVATIONS

Lymph Node [Hyperplasia TGLS = 1-21]	Deep Cervical	Hyperplasia	Lymphoid, Mild
-------------------------------------------	---------------	-------------	----------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 65

TRT#: 2

SEX: Female

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney |
| * Liver | * Lung | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Pituitary Gland |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

MISSING

- | | |
|--------------------------|---------------------|
| * Lymph Node, Mandibular | * Parathyroid Gland |
|--------------------------|---------------------|

OBSERVATIONS

- | | | | |
|-------------------------------------------|---------------|------------------|-------------------|
| Lymph Node
[Hyperplasia TGLS = 1-21] | Deep Cervical | Hyperplasia | Lymphoid, Minimal |
| * Salivary Glands | Parotid GI | Basophilic Focus | Minimal |

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 66

TRT#: 2

SEX: Female

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Bone Marrow

* Heart

* Intestine Small, Duodenum

* Liver

* Nose

* Salivary Glands

* Stomach, Glandular

* Urinary Bladder

* Adrenal Medulla

* Brain

* Intestine Large, Cecum

* Intestine Small, Ileum

* Lung

* Ovary

* Skin

* Thymus

* Uterus

* Blood Vessel

* Clitoral Gland

* Intestine Large, Colon

* Intestine Small, Jejunum

* Lymph Node, Mesenteric

* Pancreas

* Spleen

* Thyroid Gland

* Bone

* Esophagus

* Intestine Large, Rectum

* Kidney

* Mammary Gland

* Pituitary Gland

* Stomach, Forestomach

* Trachea

MISSING

* Lymph Node, Mandibular

* Parathyroid Gland

OBSERVATIONS

Lymph Node

Deep Cervical

Hyperplasia

Lymphoid, Minimal

[Hyperplasia TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 67

TRT#: 2

SEX: Female

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 68

TRT#: 2

SEX: Female

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 69

TRT#: 2

SEX: Female

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
Lymph Node
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Uterus Hydrometra Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 70

TRT#: 2

SEX: Female

DAY ON TEST: 22

DOSE: 0 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 71

TRT#: 4

SEX: Female

DAY ON TEST: 22

DOSE: 125 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 72	TRT#: 4	SEX: Female	DAY ON TEST: 22
	DOSE: 125 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Lymph Node	* Thyroid Gland
----------------	------------	-----------------

OBSERVATIONS

Lung [Hemorrhage TGLS = 2-2]	Hemorrhage	Focal, Minimal
-----------------------------------	------------	----------------

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 73	TRT#: 4	SEX: Female	DAY ON TEST: 22
	DOSE: 125 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lymph Node [Hyperplasia TGLS = 2-21]	Deep Cervical	Hyperplasia	Lymphoid, Mild
-------------------------------------------	---------------	-------------	----------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 74	TRT#: 4	SEX: Female	DAY ON TEST: 22
	DOSE: 125 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lymph Node [Hyperplasia TGLS = 1-21]	Deep Cervical	Hyperplasia	Lymphoid, Minimal
-------------------------------------------	---------------	-------------	-------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 75

TRT#: 4

SEX: Female

DAY ON TEST: 22

DOSE: 125 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83664

OBSERVATIONS

Lymph Node
[Ectasia TGLS = 1-21]
* Thyroid Gland

Deep Cervical

Ectasia

Minimal

Ultimobranchial Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 76

TRT#: 4

SEX: Female

DAY ON TEST: 22

DOSE: 125 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 77

TRT#: 4

SEX: Female

DAY ON TEST: 22

DOSE: 125 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lung

Hemorrhage

Focal, Minimal

[Hemorrhage TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 78

TRT#: 4

SEX: Female

DAY ON TEST: 22

DOSE: 125 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 79	TRT#: 4	SEX: Female	DAY ON TEST: 22
	DOSE: 125 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lymph Node [Hyperplasia TGLS = 1-21]	Deep Cervical	Hyperplasia	Lymphoid, Minimal
-------------------------------------------	---------------	-------------	-------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 80	TRT#: 4	SEX: Female	DAY ON TEST: 22
	DOSE: 125 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lung		Hemorrhage	Focal, Minimal
[Hemorrhage TGLS = 3-2]			
Lymph Node	Pancreatic	Hemorrhage	Minimal
[Hemorrhage TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 81

TRT#: 6

SEX: Female

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

* Thyroid Gland

OBSERVATIONS

Lung

Hemorrhage

Focal, Minimal

[Hemorrhage TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 82

TRT#: 6

SEX: Female

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 83

TRT#: 6

SEX: Female

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lymph Node

Deep Cervical

Hyperplasia

Lymphoid, Minimal

[Hyperplasia TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 84	TRT#: 6	SEX: Female	DAY ON TEST: 22
	DOSE: 250 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lymph Node	Deep Cervical	Ectasia	Minimal
[Ectasia TGLS = 2-21]			
Uterus		Hydrometra	Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 85

TRT#: 6

SEX: Female

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lymph Node

Deep Cervical

Ectasia

Minimal

[Ectasia TGLS = 1-21]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 86

TRT#: 6

SEX: Female

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 87

TRT#: 6

SEX: Female

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 88

TRT#: 6

SEX: Female

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 89

TRT#: 6

SEX: Female

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

* Thyroid Gland

OBSERVATIONS

Lung

Hemorrhage

Focal, Minimal

[Hemorrhage TGLS = 2-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 90

TRT#: 6

SEX: Female

DAY ON TEST: 22

DOSE: 250 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

OBSERVATIONS

Lymph Node

Deep Cervical

Ectasia

Mild

Pancreatic

Pigmentation

Hemosiderin, Mild

[Ectasia TGLS = 2-21]

[Pigmentation TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 91

TRT#: 8

SEX: Female

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83680

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 92

TRT#: 8

SEX: Female

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

MISSING

Lymph Node

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 93	TRT#: 8	SEX: Female	DAY ON TEST: 22
	DOSE: 500 MG/L	DISP: Terminal Sacrifice	HISTO: 98-83682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

OBSERVATIONS

* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Minimal
-----------------	----------------	-------------	------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 94

TRT#: 8

SEX: Female

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83683

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 95

TRT#: 8

SEX: Female

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83684

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 96

TRT#: 8

SEX: Female

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83685

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 97

TRT#: 8

SEX: Female

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83686

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 98

TRT#: 8

SEX: Female

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 99

TRT#: 8

SEX: Female

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83688

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 100

TRT#: 8

SEX: Female

DAY ON TEST: 22

DOSE: 500 MG/L

DISP: Terminal Sacrifice

HISTO: 98-83689

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 101

TRT#: 10

SEX: Female

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01
Test Type: 21-DAY
Route: DOSED WATER
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014
Time Report Requested: 17:36:37
First Dose M/F: NA / NA
Lab: SRI

ANIMAL ID: 102

TRT#: 10

SEX: Female

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83691

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 103

TRT#: 10

SEX: Female

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 104

TRT#: 10

SEX: Female

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83693

OBSERVATIONS

Lymph Node

Pancreatic

Hemorrhage

Minimal

Deep Cervical

Hyperplasia

Lymphoid, Minimal

[Hemorrhage TGLS = 1-7]

[Hyperplasia TGLS = 2-21]

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 105

TRT#: 10

SEX: Female

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 106

TRT#: 10

SEX: Female

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Thyroid Gland

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 107

TRT#: 10

SEX: Female

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83696

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

Uterus

Hydrometra

Mild

[Hydrometra TGLS = 1-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 108

TRT#: 10

SEX: Female

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83697

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 109

TRT#: 10

SEX: Female

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83698

OBSERVATIONS

* Thyroid Gland

Ultimobranchial Cyst

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 110

TRT#: 10

SEX: Female

DAY ON TEST: 22

DOSE: 1000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83699

OBSERVATIONS

Lymph Node
[Hemorrhage TGLS = 1-7]

Pancreatic

Hemorrhage

Minimal

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

Lymph Node [Hyperplasia TGLS = 2-21]	Deep Cervical	Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild
* Uterus [Hydrometra TGLS = 1-7]		Hydrometra	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

Lymph Node [Hyperplasia TGLS = 1-21]	Deep Cervical	Hyperplasia	Lymphoid, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia Ultimobranchial Cyst	Diffuse, Mild Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

Lymph Node [Hyperplasia TGLS = 2-21]	Deep Cervical	Hyperplasia	Lymphoid, Mild
* Salivary Glands	Parotid GI	Basophilic Focus	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild
* Uterus [Hydrometra TGLS = 1-7]		Hydrometra	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex

* Adrenal Medulla

* Blood Vessel

* Bone

* Bone Marrow

* Brain

* Clitoral Gland

* Esophagus

* Heart

* Intestine Large, Cecum

* Intestine Large, Colon

* Intestine Large, Rectum

* Intestine Small, Duodenum

* Intestine Small, Ileum

* Intestine Small, Jejunum

* Kidney

* Liver

* Lung

* Lymph Node, Mesenteric

* Mammary Gland

* Nose

* Ovary

* Pancreas

* Parathyroid Gland

* Pituitary Gland

* Salivary Glands

* Skin

* Spleen

* Stomach, Forestomach

* Stomach, Glandular

* Thymus

* Trachea

* Urinary Bladder

* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Thyroid Gland

Follicular Cel

Hyperplasia

Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Pituitary Gland
--------------------------	-------------------

OBSERVATIONS

* Thyroid Gland	Follicular Cel	Hyperplasia Ultimobranchial Cyst	Diffuse, Mild Minimal
-----------------	----------------	-------------------------------------	--------------------------

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Salivary Glands	Parotid GI	Basophilic Focus	Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Minimal
[Hemorrhage TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 3-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

Lymph Node	Deep Cervical	Ectasia	Mild
	Deep Cervical	Hemorrhage	Minimal
[Ectasia TGLS = 2-21]			
[Hemorrhage TGLS = 2-21]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Water disinfection byproducts (Sodium chlorate)

CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	Lymph Node	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Liver	Hepatodiaphragmatic Nodule	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-21]		
* Thyroid Gland	Follicular Cel	Hyperplasia
		Diffuse, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 96010-01

Test Type: 21-DAY

Route: DOSED WATER

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Water disinfection byproducts (Sodium chlorate)
CAS Number: 7775-09-9

Date Report Requested: 10/20/2014

Time Report Requested: 17:36:37

First Dose M/F: NA / NA

Lab: SRI

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 22

DOSE: 2000MG/L

DISP: Terminal Sacrifice

HISTO: 98-83709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Thymus		Hemorrhage	Focal, Minimal
* Thyroid Gland	Follicular Cel	Hyperplasia	Diffuse, Mild

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****