

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

F1_HSD

NTP Study Number: C03038
Lock Date: 01/10/2011
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.6.0.0_007
PWG Approval Date: NONE

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Preputial Gland	Infiltration Cellular	Lymphocyte, Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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	

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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	

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Nephropathy	Mild
* Preputial Gland	Inflammation	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mandibular	* 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		

OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Lung	Infiltration Cellular	Mixed Cell, Minimal

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

- | | | |
|-------------------|-----------------------|---------------------|
| * Kidney | Nephropathy | Mild |
| * Preputial Gland | Infiltration Cellular | Lymphocyte, Minimal |

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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	

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Liver | * Lung | * Lymph Node, Mandibular |
| * 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 | |

OBSERVATIONS

- | | | |
|----------|-------------|---------|
| * Kidney | Nephropathy | Minimal |
|----------|-------------|---------|

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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	

OBSERVATIONS

* Kidney

Nephropathy

Mild

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * 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 | | |

OBSERVATIONS

- | | | |
|----------|-----------------------|---------------------|
| * Kidney | Nephropathy | Mild |
| * Liver | Infiltration Cellular | Mixed Cell, Minimal |

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 11	TRT#: 3	SEX: Male	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905471

OBSERVATIONS			
Kidney		Nephropathy	Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 12	TRT#: 3	SEX: Male	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905472
OBSERVATIONS			
Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 13	TRT#: 3	SEX: Male	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905473
OBSERVATIONS			
Kidney		Nephropathy	Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 14	TRT#: 3	SEX: Male	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905474
OBSERVATIONS			
Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 15	TRT#: 3	SEX: Male	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905475
OBSERVATIONS			
Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 16

TRT#: 3

SEX: Male

DAY ON TEST: 91

DOSE: 125 mg/L

DISP: Terminal Sacrifice

HISTO: 0905476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 17	TRT#: 3	SEX: Male	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905477
OBSERVATIONS			
Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 18	TRT#: 3	SEX: Male	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905478

OBSERVATIONS

Kidney	Nephropathy	Minimal
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Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 19	TRT#: 3	SEX: Male	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905479
OBSERVATIONS			
Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 20	TRT#: 3	SEX: Male	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905480

OBSERVATIONS

Kidney	Nephropathy	Minimal
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Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 21	TRT#: 5	SEX: Male	DAY ON TEST: 91
	DOSE: 250 mg/L	DISP: Terminal Sacrifice	HISTO: 0905481
OBSERVATIONS			
Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 22

TRT#: 5

SEX: Male

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905482

OBSERVATIONS

Kidney

Nephropathy

Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 23

TRT#: 5

SEX: Male

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905483

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 24

TRT#: 5

SEX: Male

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905484

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 25

TRT#: 5

SEX: Male

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905485

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 26

TRT#: 5

SEX: Male

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0908486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 27

TRT#: 5

SEX: Male

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 28

TRT#: 5

SEX: Male

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905488

OBSERVATIONS

Kidney

Nephropathy

Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 29

TRT#: 5

SEX: Male

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905489

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 30	TRT#: 5	SEX: Male	DAY ON TEST: 91
	DOSE: 250 mg/L	DISP: Terminal Sacrifice	HISTO: 0905490
OBSERVATIONS			
Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 31

TRT#: 7

SEX: Male

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905491

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 32

TRT#: 7

SEX: Male

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905492

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 33

TRT#: 7

SEX: Male

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905493

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 34

TRT#: 7

SEX: Male

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 35

TRT#: 7

SEX: Male

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905495

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 36

TRT#: 7

SEX: Male

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905496

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 37

TRT#: 7

SEX: Male

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905497

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 38

TRT#: 7

SEX: Male

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905498

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 39

TRT#: 7

SEX: Male

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905499

OBSERVATIONS

* Kidney

Nephropathy

Mild

Testes

Atrophy

Moderate

[Atrophy TGLs = 1 - 11]

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 40

TRT#: 7

SEX: Male

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905500

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 41

TRT#: 9

SEX: Male

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905501

OBSERVATIONS

* Kidney

Nephropathy

Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 42	TRT#: 9	SEX: Male	DAY ON TEST: 91
	DOSE: 1000 mg/L	DISP: Terminal Sacrifice	HISTO: 0905502
OBSERVATIONS			
* Kidney	Renal Tubule	Regeneration	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 43

TRT#: 9

SEX: Male

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905503

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 44	TRT#: 9	SEX: Male	DAY ON TEST: 91
	DOSE: 1000 mg/L	DISP: Terminal Sacrifice	HISTO: 0905504
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 45

TRT#: 9

SEX: Male

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905505

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 46

TRT#: 9

SEX: Male

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905506

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 47

TRT#: 9

SEX: Male

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905507

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 48

TRT#: 9

SEX: Male

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905508

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 49

TRT#: 9

SEX: Male

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905509

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 50	TRT#: 9	SEX: Male	DAY ON TEST: 91
	DOSE: 1000 mg/L	DISP: Terminal Sacrifice	HISTO: 0905510
OBSERVATIONS			
* Kidney	Renal Tubule	Regeneration	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 51

TRT#: 11

SEX: Male

DAY ON TEST: 91

DOSE: 2000mg/L

DISP: Terminal Sacrifice

HISTO: 0905511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLs = 1 - 14]		
* Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
		Inflammation	Acute, Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 52

TRT#: 11

SEX: Male

DAY ON TEST: 91

DOSE: 2000mg/L

DISP: Terminal Sacrifice

HISTO: 0905512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 53

TRT#: 11

SEX: Male

DAY ON TEST: 91

DOSE: 2000mg/L

DISP: Terminal Sacrifice

HISTO: 0905513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 54

TRT#: 11

SEX: Male

DAY ON TEST: 91

DOSE: 2000mg/L

DISP: Terminal Sacrifice

HISTO: 0905514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild
* Preputial GI			

Note: Only 1 of 2 preputial glands was identified at trim and was available for histologic examination.

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 55

TRT#: 11

SEX: Male

DAY ON TEST: 91

DOSE: 2000mg/L

DISP: Terminal Sacrifice

HISTO: 0905515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 56

TRT#: 11

SEX: Male

DAY ON TEST: 91

DOSE: 2000mg/L

DISP: Terminal Sacrifice

HISTO: 0905516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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	

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Mild
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Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 57

TRT#: 11

SEX: Male

DAY ON TEST: 91

DOSE: 2000mg/L

DISP: Terminal Sacrifice

HISTO: 0905517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 58

TRT#: 11

SEX: Male

DAY ON TEST: 91

DOSE: 2000mg/L

DISP: Terminal Sacrifice

HISTO: 0905518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* 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		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 59

TRT#: 11

SEX: Male

DAY ON TEST: 91

DOSE: 2000mg/L

DISP: Terminal Sacrifice

HISTO: 0905519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* 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		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 60

TRT#: 11

SEX: Male

DAY ON TEST: 91

DOSE: 2000mg/L

DISP: Terminal Sacrifice

HISTO: 0905520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild
* Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 61

TRT#: 2

SEX: Female

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Liver	Infiltration Cellular	Mixed Cell, Minimal
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Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 62

TRT#: 2

SEX: Female

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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			

OBSERVATIONS

* Kidney	Nephropathy	Minimal
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Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 63

TRT#: 2

SEX: Female

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Liver | * Lung | * Lymph Node, Mandibular |
| * 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 | | | |

OBSERVATIONS

- | | | |
|----------|-------------|---------|
| * Kidney | Nephropathy | Minimal |
|----------|-------------|---------|

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 64

TRT#: 2

SEX: Female

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Mesentery

OBSERVATIONS

- | | | |
|-----------|-----------------------|---------------------|
| * Kidney | Nephropathy | Minimal |
| * Liver | Infiltration Cellular | Mixed Cell, Minimal |
| Mesentery | | |

Note: TGL-1 could not be identified at trim. Tissue section submitted as block 13 is composed of normal skeletal muscle.

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 65

TRT#: 2

SEX: Female

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 66

TRT#: 2

SEX: Female

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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			

OBSERVATIONS

* Kidney	Nephropathy	Minimal
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Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 67

TRT#: 2

SEX: Female

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney	Nephropathy	Minimal
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Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 68

TRT#: 2

SEX: Female

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* 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

OBSERVATIONS

* Kidney

Note: Only the right kidney was examined histologically. The left kidney was reported to be missing at trim.

* Liver

Infiltration Cellular

Mixed Cell, Minimal

* Lung

Metaplasia

Osseous, Minimal

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 69

TRT#: 2

SEX: Female

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Harderian Gland | * 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 |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 70

TRT#: 2

SEX: Female

DAY ON TEST: 91

DOSE: 0 mg/L

DISP: Terminal Sacrifice

HISTO: 0905530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland

Infiltration Cellular

Lymphocyte, Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 71

TRT#: 4

SEX: Female

DAY ON TEST: 91

DOSE: 125 mg/L

DISP: Terminal Sacrifice

HISTO: 0905531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 72

TRT#: 4

SEX: Female

DAY ON TEST: 91

DOSE: 125 mg/L

DISP: Terminal Sacrifice

HISTO: 0905532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 73

TRT#: 4

SEX: Female

DAY ON TEST: 91

DOSE: 125 mg/L

DISP: Terminal Sacrifice

HISTO: 0905533

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 74

TRT#: 4

SEX: Female

DAY ON TEST: 91

DOSE: 125 mg/L

DISP: Terminal Sacrifice

HISTO: 0905534

OBSERVATIONS

Kidney

Infiltration Cellular

Lymphocyte, Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 75

TRT#: 4

SEX: Female

DAY ON TEST: 91

DOSE: 125 mg/L

DISP: Terminal Sacrifice

HISTO: 0905535

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 76	TRT#: 4	SEX: Female	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905536
OBSERVATIONS			
Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 77

TRT#: 4

SEX: Female

DAY ON TEST: 91

DOSE: 125 mg/L

DISP: Terminal Sacrifice

HISTO: 0905537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lymph Node, Mesenteric

OBSERVATIONS

Kidney

Nephropathy

Minimal

Mesentery

Note: TGL 1 = Tissue reported grossly as mesenteric fat nodule and processed as block/slide 13 corresponds microscopically to normal mesenteric lymph node.

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 78	TRT#: 4	SEX: Female	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905538
OBSERVATIONS			
Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 79	TRT#: 4	SEX: Female	DAY ON TEST: 91
	DOSE: 125 mg/L	DISP: Terminal Sacrifice	HISTO: 0905539
OBSERVATIONS			
Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 80

TRT#: 4

SEX: Female

DAY ON TEST: 91

DOSE: 125 mg/L

DISP: Terminal Sacrifice

HISTO: 0905540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 81

TRT#: 6

SEX: Female

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905541

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 82

TRT#: 6

SEX: Female

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905542

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 83

TRT#: 6

SEX: Female

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 84

TRT#: 6

SEX: Female

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905544

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 85

TRT#: 6

SEX: Female

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905545

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 86	TRT#: 6	SEX: Female	DAY ON TEST: 91
	DOSE: 250 mg/L	DISP: Terminal Sacrifice	HISTO: 0905546
OBSERVATIONS			
Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 87

TRT#: 6

SEX: Female

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 88

TRT#: 6

SEX: Female

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905548

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 89

TRT#: 6

SEX: Female

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905549

OBSERVATIONS

Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 90

TRT#: 6

SEX: Female

DAY ON TEST: 91

DOSE: 250 mg/L

DISP: Terminal Sacrifice

HISTO: 0905550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 91

TRT#: 8

SEX: Female

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905551

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 92

TRT#: 8

SEX: Female

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 93	TRT#: 8	SEX: Female	DAY ON TEST: 91
	DOSE: 500 mg/L	DISP: Terminal Sacrifice	HISTO: 0905553
OBSERVATIONS			
* Kidney		Nephropathy	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 94

TRT#: 8

SEX: Female

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905554

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 95

TRT#: 8

SEX: Female

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905555

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 96

TRT#: 8

SEX: Female

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905556

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 97

TRT#: 8

SEX: Female

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 98

TRT#: 8

SEX: Female

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 99

TRT#: 8

SEX: Female

DAY ON TEST: 91

DOSE: 500 mg/L

DISP: Terminal Sacrifice

HISTO: 0905559

OBSERVATIONS

* Kidney

Infiltration Cellular

Lymphocyte, Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 100	TRT#: 8	SEX: Female	DAY ON TEST: 91
	DOSE: 500 mg/L	DISP: Terminal Sacrifice	HISTO: 0905560

OBSERVATIONS

* Kidney	Nephropathy	Minimal
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Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 101

TRT#: 10

SEX: Female

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905561

OBSERVATIONS

* Kidney

Renal Tubule

Nephropathy

Regeneration

Mild

Minimal

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 102

TRT#: 10

SEX: Female

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 103

TRT#: 10

SEX: Female

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 104

TRT#: 10

SEX: Female

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Lung

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Lung

Note: TGL 1 corresponded to hemorrhage that was not considered to be toxicologically relevant and was not coded.

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 105

TRT#: 10

SEX: Female

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 106

TRT#: 10

SEX: Female

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Kidney

OBSERVATIONS

* Kidney

Note: Only the right kidney was examined histologically. The left kidney was reported to be missing at trim.

Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 107

TRT#: 10

SEX: Female

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905567

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 108	TRT#: 10	SEX: Female	DAY ON TEST: 91
	DOSE: 1000 mg/L	DISP: Terminal Sacrifice	HISTO: 0905568
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 109

TRT#: 10

SEX: Female

DAY ON TEST: 91

DOSE: 1000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905569

OBSERVATIONS

* Kidney

Nephropathy

Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 110	TRT#: 10	SEX: Female	DAY ON TEST: 91
	DOSE: 1000 mg/L	DISP: Terminal Sacrifice	HISTO: 0905570
OBSERVATIONS			
* Kidney	Renal Tubule	Regeneration	Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 91

DOSE: 2000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 112

TRT#: 12

SEX: Female

DAY ON TEST: 91

DOSE: 2000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 113

TRT#: 12

SEX: Female

DAY ON TEST: 91

DOSE: 2000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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			

OBSERVATIONS

* Kidney	Renal Tubule	Regeneration	Mild
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Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 114

TRT#: 12

SEX: Female

DAY ON TEST: 91

DOSE: 2000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney	Renal Tubule	Nephropathy Regeneration	Minimal Mild
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Experiment Number: 03038 - 01

Test Type: 90 DAY W/PN EXP

Route: DOSED WATER

Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Sodium Tungstate, Dihydrate

CAS Number: 10213-10-2

Date Report Requested: 03/19/2012

Time Report Requested: 12:45:44

First Dose M/F: 06/30/09 / 07/01/09

Lab: BAT

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 91

DOSE: 2000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* 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

OBSERVATIONS

* Clitoral Gland		Infiltration Cellular	Lymphocyte, Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 91

DOSE: 2000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 91

DOSE: 2000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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			

OBSERVATIONS

* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
Renal Tubule	Regeneration	Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 91

DOSE: 2000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* 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			

OBSERVATIONS

* Kidney		Cyst	Focal, Minimal
		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 119

TRT#: 12

SEX: Female

DAY ON TEST: 91

DOSE: 2000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal

Experiment Number: 03038 - 01
Test Type: 90 DAY W/PN EXP
Route: DOSED WATER
Species/Strain: RATS/HSD

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Sodium Tungstate, Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 03/19/2012
Time Report Requested: 12:45:44
First Dose M/F: 06/30/09 / 07/01/09
Lab: BAT

ANIMAL ID: 120

TRT#: 12

SEX: Female

DAY ON TEST: 91

DOSE: 2000 mg/L

DISP: Terminal Sacrifice

HISTO: 0905580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Infiltration Cellular	Lymphocyte, Minimal
* Kidney		Nephropathy	Minimal
	Renal Tubule	Regeneration	Mild
* Liver		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mixed Cell, Minimal

[Hepatodiaphragmatic Nodule TGLs = 1 - 13]

*** END OF REPORT ***