

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

Study Number:

Study Gender:

PWG Approval Date:

Version:

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

C94043-03

Both

See web page for date of PWG Approval

v1.3.5

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 1	TRT#: F1-1	DOSE: 0 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47834

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
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	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR
SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 2	TRT#: F1-1	DOSE: 0 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47861

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	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
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

HEART	CARDIOMYOPATHY	MINIMAL
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

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CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 3	TRT#: F1-1	DOSE: 0 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47874

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
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	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR
SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	TRACHEA	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
THYROID GLAND	CYST	

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 4	TRT#: F1-1	DOSE: 0 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47890

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
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	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR
SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 5	TRT#: F1-1	DOSE: 0 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47902

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
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	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR
SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
STOMACH, GLANDULAR	MINERAL	MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 6	TRT#: F1-1	DOSE: 0 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48393

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

HARDERIAN GLAND	ATROPHY	MINIMAL
	INFILTRATE, CELLULAR	LYMPHOCYTE, MILD
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LYMPH NODE, MESENTERIC	HYPERPLASIA	LYMPHOCYTE, MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 7	TRT#: F1-1	DOSE: 0 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48241

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	INTESTINE, SMALL, JEJUNUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

HARDERIAN GLAND		INFILTRATE, CELLULAR	LYMPHOCYTE, MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
TESTIS	GERMINAL EPITHELIUM	DEGENERATION	MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 8	TRT#: F1-1	DOSE: 0 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47913

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
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	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LYMPH NODE, MESENTERIC	HYPERPLASIA	LYMPHOCYTE, MILD
STOMACH, GLANDULAR	MINERAL	MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 9	TRT#: F1-1	DOSE: 0 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47929

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
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	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PITUITARY GLAND	PARS DISTALIS	CYST	
THYROID GLAND		CYST	

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 10	TRT#: F1-1	DOSE: 0 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47964

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
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	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN
STOMACH, FORESTOMACH	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

HARDERIAN GLAND	INFILTRATE, CELLULAR	LYMPHOCYTE, MILD
HEART	CARDIOMYOPATHY	MINIMAL
KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
STOMACH, GLANDULAR	MINERAL	MODERATE

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 11	TRT#: F1-2	DOSE: 31.3 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47977

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 12	TRT#: F1-2	DOSE: 31.3 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48419

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 13	TRT#: F1-2	DOSE: 31.3 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48439

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 14	TRT#: F1-2	DOSE: 31.3 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48452

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MILD

STOMACH, GLANDULAR

MINERAL

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 15	TRT#: F1-2	DOSE: 31.3 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47999

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

UROTHELIUM

ANGIECTASIS

MILD

CHRONIC PROGRESSIVE NEPHROPATHY

MILD

STOMACH, GLANDULAR

MINERAL

MINIMAL

Study Number: C94043-03
Test Type: TOX
Route: Dosing in Water
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: Sodium Metavanadate
CAS Number: 13718-26-8

Date Report Requested: 01/18/2022
Time Report Requested: 08:14:18
Lab: Battelle with EPL

ANIMAL ID: 16	TRT#: F1-2	DOSE: 31.3 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48461

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 17

TRT#: F1-2

DOSE: 31.3 mg/L

SEX: Male

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48870

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 18	TRT#: F1-2	DOSE: 31.3 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48475

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 19	TRT#: F1-2	DOSE: 31.3 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48028

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

STOMACH, GLANDULAR

MINERAL

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 20	TRT#: F1-2	DOSE: 31.3 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48041

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MILD

STOMACH, GLANDULAR

MINERAL

MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 21	TRT#: F1-3	DOSE: 62.5 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48054

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY
STOMACH, GLANDULAR

CHRONIC PROGRESSIVE NEPHROPATHY
MINERAL

MINIMAL
MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 22	TRT#: F1-3	DOSE: 62.5 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48491

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY
STOMACH, GLANDULAR

CHRONIC PROGRESSIVE NEPHROPATHY
MINERAL

MINIMAL
MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 23	TRT#: F1-3	DOSE: 62.5 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48085

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY
STOMACH, GLANDULAR

CHRONIC PROGRESSIVE NEPHROPATHY
MINERAL

MILD
MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 24	TRT#: F1-3	DOSE: 62.5 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48507

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 25	TRT#: F1-3	DOSE: 62.5 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48102

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	PELVIS	DILATION	MILD
[DILATION TGLS = TGL 1-14]			
STOMACH, GLANDULAR		MINERAL	MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 26	TRT#: F1-3	DOSE: 62.5 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48110

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY
STOMACH, GLANDULAR

CHRONIC PROGRESSIVE NEPHROPATHY
MINERAL

MILD
MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 27	TRT#: F1-3	DOSE: 62.5 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48127

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

MISSING

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 28	TRT#: F1-3	DOSE: 62.5 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48143

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY
STOMACH, GLANDULAR

CHRONIC PROGRESSIVE NEPHROPATHY
MINERAL

MILD
MODERATE

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 29	TRT#: F1-3	DOSE: 62.5 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48152

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 30
GENERATION: F1

TRT#: F1-3
SELECTION: F1 Core Animals

DOSE: 62.5 mg/L

SEX: Male
DISP: Scheduled Removal (Terminal)

REMOVAL DAY: PND122
HISTO: 48539

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 31	TRT#: F1-4	DOSE: 125 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48775

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MINIMAL

INTESTINE, SMALL, JEJUNUM

EPITHELIUM

HYPERPLASIA

MINIMAL

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MILD

PELVIS

DILATION

MILD

[DILATION TGLS = TGL 1-14]

STOMACH, GLANDULAR

MINERAL

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 32	TRT#: F1-4	DOSE: 125 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48568

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MINIMAL

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MILD

STOMACH, GLANDULAR

MINERAL

MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 33	TRT#: F1-4	DOSE: 125 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48180

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

INTESTINE, SMALL, JEJUNUM

STOMACH, GLANDULAR

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 34	TRT#: F1-4	DOSE: 125 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48602

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY
STOMACH, GLANDULAR

CHRONIC PROGRESSIVE NEPHROPATHY
MINERAL

MINIMAL
MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 35	TRT#: F1-4	DOSE: 125 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48620

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

MISSING

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 36	TRT#: F1-4	DOSE: 125 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48205

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MINIMAL

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

STOMACH, GLANDULAR

MINERAL

MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 37	TRT#: F1-4	DOSE: 125 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48226

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY
STOMACH, GLANDULAR

CHRONIC PROGRESSIVE NEPHROPATHY
MINERAL

MILD
MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 38	TRT#: F1-4	DOSE: 125 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48789

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
KIDNEY

EPITHELIUM

HYPERPLASIA
CHRONIC PROGRESSIVE NEPHROPATHY

MILD
MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 39	TRT#: F1-4	DOSE: 125 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48246

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MILD
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 40	TRT#: F1-4	DOSE: 125 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48266

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
KIDNEY

EPITHELIUM

HYPERPLASIA
CHRONIC PROGRESSIVE NEPHROPATHY

MILD
MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 41	TRT#: F1-5	DOSE: 250 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48281

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, DUODENUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, LARGE, CECUM

EPITHELIUM

HYPERPLASIA

MINIMAL

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MILD

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

STOMACH, GLANDULAR

MINERAL

MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 42	TRT#: F1-5	DOSE: 250 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48646

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, DUODENUM

STOMACH, GLANDULAR

OBSERVATIONS

INTESTINE, LARGE, CECUM

EPITHELIUM

HYPERPLASIA

MINIMAL

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MINIMAL

INTESTINE, SMALL, JEJUNUM

EPITHELIUM

HYPERPLASIA

MINIMAL

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 43	TRT#: F1-5	DOSE: 250 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48663

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, DUODENUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MINIMAL

INTESTINE, SMALL, JEJUNUM

EPITHELIUM

HYPERPLASIA

MINIMAL

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MILD

STOMACH, GLANDULAR

MINERAL

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 44	TRT#: F1-5	DOSE: 250 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48285

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, SMALL, DUODENUM

STOMACH, GLANDULAR

INSUFFICIENT TISSUE TO EVALUATE

INTESTINE, LARGE, RECTUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MILD

INTESTINE, SMALL, JEJUNUM

EPITHELIUM

HYPERPLASIA

MINIMAL

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 45	TRT#: F1-5	DOSE: 250 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48297

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, DUODENUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MINIMAL

INTESTINE, SMALL, JEJUNUM

EPITHELIUM

HYPERPLASIA

MINIMAL

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MILD

STOMACH, GLANDULAR

MINERAL

MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 46	TRT#: F1-5	DOSE: 250 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48317

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, DUODENUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM
KIDNEY

EPITHELIUM
EPITHELIUM

HYPERPLASIA
HYPERPLASIA
CHRONIC PROGRESSIVE NEPHROPATHY

MILD
MINIMAL
MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 47	TRT#: F1-5	DOSE: 250 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48674

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, ILEUM

INTESTINE, LARGE, COLON
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, RECTUM
STOMACH, GLANDULAR

INTESTINE, SMALL, DUODENUM

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 48	TRT#: F1-5	DOSE: 250 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48324

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, DUODENUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
KIDNEY

EPITHELIUM

HYPERPLASIA
CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL
MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 49	TRT#: F1-5	DOSE: 250 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48683

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, DUODENUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
INTESTINE, SMALL, JEJUNUM
KIDNEY

EPITHELIUM
EPITHELIUM

HYPERPLASIA
HYPERPLASIA
CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL
MINIMAL
MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 50	TRT#: F1-5	DOSE: 250 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48334

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, DUODENUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
KIDNEY

EPITHELIUM

HYPERPLASIA
CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL
MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 51	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48357

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	TRACHEA	URINARY BLADDER	

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
THYROID GLAND		CYST	

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 52	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND30
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Euthanized Moribund	HISTO: 48355

TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
LIVER	LUNG	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SKIN	SPINAL CORD, CERVICAL
SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	STOMACH, FORESTOMACH	TESTIS
THYROID GLAND	TRACHEA	URINARY BLADDER	

MISSING

INTESTINE, LARGE, COLON	SEMINAL VESICLE
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OBSERVATIONS

ADRENAL GLAND	CORTEX	CYTOPLASMIC VACUOLATION	MILD
HEART	VALVE	ANGIECTASIS	MILD
	VALVE	HEMORRHAGE	MILD
	VALVE	INFLAMMATION	CHRONIC, MINIMAL
INTESTINE, LARGE, CECUM	EPITHELIUM	HYPERPLASIA	MILD
	EPITHELIUM	NECROSIS	MINIMAL
INTESTINE, LARGE, RECTUM	EPITHELIUM	HYPERPLASIA	MINIMAL
INTESTINE, SMALL, DUODENUM	EPITHELIUM	HYPERPLASIA	MINIMAL
INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MODERATE
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MODERATE
KIDNEY	PELVIS	DILATION	MILD
[DILATION TGLS = TGL 1-14]			
LYMPH NODE, MANDIBULAR	LYMPHOCYTE	APOPTOSIS	MILD
PANCREAS	ACINUS	SECRETORY DEPLETION	MARKED
SPLEEN		ATROPHY	MODERATE
STOMACH, GLANDULAR	EPITHELIUM	ATROPHY	MILD
TESTIS			
Tissue Comment: Immature testes interpreted as age-related.			
THYMUS	LYMPHOCYTE	APOPTOSIS	MARKED

PRIMARY CAUSE OF DEATH	- UNDETERMINED
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Animal Note: Clinical observations of Coat Ruffled and (Liquid) Feces were confirmed at necropsy but do not correlate with gross observations.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 53	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48360

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 54	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48815

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	TESTIS	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
	RENAL TUBULE	PIGMENT	MILD
STOMACH, GLANDULAR		MINERAL	MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 55	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48816

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, ILEUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN
STOMACH, FORESTOMACH	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MINIMAL
STOMACH, GLANDULAR		MINERAL	MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 56	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48700

TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
EPIDIDYMIS	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	LIVER	LUNG	LYMPH NODE, MANDIBULAR
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR
SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE	
INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MINIMAL
	LYMPHOID TISSUE	HYPERPLASIA	MODERATE
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
STOMACH, GLANDULAR		MINERAL	MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 57	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48703

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	LIVER	LUNG	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD, CERVICAL
SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

HARDERIAN GLAND		INFILTRATE, CELLULAR	LYMPHOCYTE, MINIMAL
INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
STOMACH, GLANDULAR		MINERAL	MODERATE

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 58	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48744

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN
STOMACH, FORESTOMACH	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
PREPUTIAL GLAND		INFLAMMATION	CHRONIC-ACTIVE, MILD
STOMACH, GLANDULAR		MINERAL	MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 59	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48746

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
STOMACH, FORESTOMACH	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MINIMAL
STOMACH, GLANDULAR		MINERAL	MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 60	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48743

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LIVER	LUNG
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	TESTIS	THYMUS
TRACHEA	URINARY BLADDER		

MISSING

PARATHYROID GLAND

OBSERVATIONS

HARDERIAN GLAND		INFILTRATE, CELLULAR	LYMPHOCYTE, MILD
INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
PITUITARY GLAND	PARS INTERMEDIA	CYST	
PREPUTIAL GLAND		INFILTRATE, CELLULAR	LYMPHOCYTE, MINIMAL
STOMACH, GLANDULAR		MINERAL	MINIMAL
THYROID GLAND		CYST	
		ECTOPIC TISSUE, THYMUS	

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 156	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND121
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48358

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	LIVER	LUNG
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PREPUTIAL GLAND
PROSTATE	SALIVARY GLANDS	SEMINAL VESICLE	SKIN
SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	TESTIS	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER		

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
SPLEEN		HYPERPLASIA	LYMPHOCYTE, MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 157	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48698

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	PREPUTIAL GLAND	PROSTATE	SALIVARY GLANDS
SEMINAL VESICLE	SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR
SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH	TESTIS
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER

OBSERVATIONS

HARDERIAN GLAND		INFILTRATE, CELLULAR	LYMPHOCYTE, MILD
HEART	EPICARDIUM	INFLAMMATION	CHRONIC, MINIMAL
INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
STOMACH, GLANDULAR		MINERAL	MILD

Animal Note: Clinical observations of pale, coat ruffled were not terminal (no correlation needed).

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 158	TRT#: F1-6	DOSE: 500 mg/L	SEX: Male	REMOVAL DAY: PND122
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48745

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	EPIDIDYMIS	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	LIVER	LUNG
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	PROSTATE
SALIVARY GLANDS	SEMINAL VESICLE	SKIN	SPINAL CORD, CERVICAL
SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH
TESTIS	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER			

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MINIMAL
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
PREPUTIAL GLAND		INFILTRATE, CELLULAR	LYMPHOCYTE, MINIMAL
STOMACH, GLANDULAR		MINERAL	MINIMAL

Animal Note: Kinked tail confirmed at necropsy but correlation with gross lesion is not necessary.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 61	TRT#: F1-1	DOSE: 0 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47841

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	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	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERUS
VAGINA			

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 62	TRT#: F1-1	DOSE: 0 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47867

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	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	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERUS
VAGINA			

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 63	TRT#: F1-1	DOSE: 0 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47882

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	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	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERUS
VAGINA			

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 64	TRT#: F1-1	DOSE: 0 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47891

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	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	LYMPH NODE, MANDIBULAR
LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERUS
VAGINA			

OBSERVATIONS

LUNG	INFILTRATE, CELLULAR	HISTIOCYTE, MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 65
GENERATION: F1

TRT#: F1-1
SELECTION: F1 Core Animals

DOSE: 0 mg/L

SEX: Female
DISP: Scheduled Removal (Terminal)

REMOVAL DAY: PND120
HISTO: 47905

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND
BRAIN
EYE
INTESTINE, LARGE, COLON
KIDNEY
LYMPH NODE, MESENTERIC
NERVE, TIBIAL
PANCREAS
SKIN
SPLEEN
THYROID GLAND
VAGINA

AORTA
CERVIX
HARDERIAN GLAND
INTESTINE, LARGE, RECTUM
LIVER
MAMMARY GLAND
NERVE, TRIGEMINAL
PARATHYROID GLAND
SPINAL CORD, CERVICAL
STOMACH, FORESTOMACH
TRACHEA

BONE MARROW
CLITORAL GLAND
HEART
INTESTINE, SMALL, DUODENUM
LUNG
MUSCLE, THIGH
NOSE
PITUITARY GLAND
SPINAL CORD, LUMBAR
STOMACH, GLANDULAR
URINARY BLADDER

BONE, FEMUR
ESOPHAGUS
INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM
LYMPH NODE, MANDIBULAR
NERVE, SCIATIC
OVARY
SALIVARY GLANDS
SPINAL CORD, THORACIC
THYMUS
UTERUS

INSUFFICIENT TISSUE TO EVALUATE

INTESTINE, SMALL, ILEUM

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 66	TRT#: F1-1	DOSE: 0 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48398

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	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	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR
SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERUS
VAGINA			

OBSERVATIONS

STOMACH, GLANDULAR	MINERAL	MILD
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 67

TRT#: F1-1

DOSE: 0 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48244

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND
BRAIN
EYE
INTESTINE, LARGE, COLON
INTESTINE, SMALL, JEJUNUM
LYMPH NODE, MANDIBULAR
NERVE, SCIATIC
OVARY
SALIVARY GLANDS
SPINAL CORD, THORACIC
THYMUS
UTERUS

AORTA
CERVIX
HARDERIAN GLAND
INTESTINE, LARGE, RECTUM
KIDNEY
LYMPH NODE, MESENTERIC
NERVE, TIBIAL
PANCREAS
SKIN
SPLEEN
THYROID GLAND
VAGINA

BONE MARROW
CLITORAL GLAND
HEART
INTESTINE, SMALL, DUODENUM
LIVER
MAMMARY GLAND
NERVE, TRIGEMINAL
PARATHYROID GLAND
SPINAL CORD, CERVICAL
STOMACH, FORESTOMACH
TRACHEA

BONE, FEMUR
ESOPHAGUS
INTESTINE, LARGE, CECUM
INTESTINE, SMALL, ILEUM
LUNG
MUSCLE, THIGH
NOSE
PITUITARY GLAND
SPINAL CORD, LUMBAR
STOMACH, GLANDULAR
URINARY BLADDER

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 68	TRT#: F1-1	DOSE: 0 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47917

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	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	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERUS
VAGINA			

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 69	TRT#: F1-1	DOSE: 0 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47933

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	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	MUSCLE, THIGH	NERVE, SCIATIC
NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE	OVARY
PANCREAS	PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERUS
VAGINA			

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 70	TRT#: F1-1	DOSE: 0 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 47968

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	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	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERUS	VAGINA

MISSING

MAMMARY GLAND

OBSERVATIONS

HARDERIAN GLAND	INFILTRATE, CELLULAR	LYMPHOCYTE, MILD
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 71

TRT#: F1-2

DOSE: 31.3 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 47983

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 72

TRT#: F1-2

DOSE: 31.3 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48421

TISSUE STATUS

Within Normal Limits

KIDNEY

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 73

TRT#: F1-2

DOSE: 31.3 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48445

TISSUE STATUS

Within Normal Limits

KIDNEY

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 74

TRT#: F1-2

DOSE: 31.3 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48457

TISSUE STATUS

Within Normal Limits

KIDNEY

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 75

TRT#: F1-2

DOSE: 31.3 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48009

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 76

TRT#: F1-2

DOSE: 31.3 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48471

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 77

TRT#: F1-2

DOSE: 31.3 mg/L

SEX: Female

REMOVAL DAY: PND119

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48877

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 78

TRT#: F1-2

DOSE: 31.3 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48482

OBSERVATIONS

KIDNEY

NEPHROBLASTOMATOSIS

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 79

TRT#: F1-2

DOSE: 31.3 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48037

TISSUE STATUS

Within Normal Limits

KIDNEY

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 80

TRT#: F1-2

DOSE: 31.3 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48048

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 81

TRT#: F1-3

DOSE: 62.5 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48060

TISSUE STATUS

Within Normal Limits

INTESTINE, SMALL, ILEUM

KIDNEY

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 82

TRT#: F1-3

DOSE: 62.5 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48496

TISSUE STATUS

Within Normal Limits

INTESTINE, SMALL, ILEUM

KIDNEY

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 83

TRT#: F1-3

DOSE: 62.5 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48090

TISSUE STATUS

Within Normal Limits

INTESTINE, SMALL, ILEUM

KIDNEY

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 84

TRT#: F1-3

DOSE: 62.5 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48517

TISSUE STATUS

Within Normal Limits

INTESTINE, SMALL, ILEUM

KIDNEY

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 85

TRT#: F1-3

DOSE: 62.5 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48109

TISSUE STATUS

Within Normal Limits

INTESTINE, SMALL, ILEUM

KIDNEY

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 86

TRT#: F1-3

DOSE: 62.5 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48120

TISSUE STATUS

Within Normal Limits

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 87

TRT#: F1-3

DOSE: 62.5 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48132

TISSUE STATUS

Within Normal Limits

INTESTINE, SMALL, ILEUM

KIDNEY

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 88

TRT#: F1-3

DOSE: 62.5 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48150

TISSUE STATUS

Within Normal Limits

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 89

TRT#: F1-3

DOSE: 62.5 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48160

TISSUE STATUS

Within Normal Limits

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

METAPLASIA

OSSEOUS, MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 90

TRT#: F1-3

DOSE: 62.5 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48545

TISSUE STATUS

Within Normal Limits

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 91	TRT#: F1-4	DOSE: 125 mg/L	SEX: Female	REMOVAL DAY: PND119
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48783

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
KIDNEY

EPITHELIUM

HYPERPLASIA
CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL
MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 92	TRT#: F1-4	DOSE: 125 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48572

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 93	TRT#: F1-4	DOSE: 125 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48188

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
KIDNEY

EPITHELIUM

HYPERPLASIA
CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL
MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 94	TRT#: F1-4	DOSE: 125 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48612

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
KIDNEY

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
UTERUS

EPITHELIUM

HYPERPLASIA
NO CORRESPONDING LESION

MINIMAL

[NO CORRESPONDING LESION TGLS = TGL 1-NCL]

Animal Note: Kinked tail confirmed at necropsy but does not require correlation with a gross lesion.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 95	TRT#: F1-4	DOSE: 125 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48624

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 96	TRT#: F1-4	DOSE: 125 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48215

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 97	TRT#: F1-4	DOSE: 125 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48231

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 98	TRT#: F1-4	DOSE: 125 mg/L	SEX: Female	REMOVAL DAY: PND119
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48793

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
KIDNEY

INTESTINE, LARGE, RECTUM
STOMACH, GLANDULAR

INTESTINE, SMALL, ILEUM

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 100	TRT#: F1-4	DOSE: 125 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48273

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

STOMACH, GLANDULAR

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MILD

INTESTINE, SMALL, JEJUNUM

EPITHELIUM

HYPERPLASIA

MINIMAL

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

Animal Note: Kinked tail confirmed at necropsy but does not require correlation to a gross lesion.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 101	TRT#: F1-5	DOSE: 250 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48284

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
KIDNEY

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MINIMAL

Animal Note: Kinked tail confirmed at necropsy, but correlation with a gross observation is not necessary.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 102	TRT#: F1-5	DOSE: 250 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48656

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
INTESTINE, SMALL, JEJUNUM

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, ILEUM

OBSERVATIONS

KIDNEY	CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
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Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 103	TRT#: F1-5	DOSE: 250 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48668

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MILD

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

STOMACH, GLANDULAR

MINERAL

MILD

Animal Note: Kinked tail confirmed at necropsy, but correlation with a gross observation is not necessary.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 104	TRT#: F1-5	DOSE: 250 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48294

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
KIDNEY

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
STOMACH, GLANDULAR

EPITHELIUM

HYPERPLASIA
MINERAL

MINIMAL
MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 105	TRT#: F1-5	DOSE: 250 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48307

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MILD

KIDNEY

CHRONIC PROGRESSIVE NEPHROPATHY

MINIMAL

STOMACH, GLANDULAR

MINERAL

MINIMAL

Animal Note: Kinked tail confirmed at necropsy, but correlation with a gross observation is not necessary.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 106	TRT#: F1-5	DOSE: 250 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48320

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
KIDNEY

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 107	TRT#: F1-5	DOSE: 250 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48676

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
STOMACH, GLANDULAR

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
KIDNEY

EPITHELIUM

HYPERPLASIA
CHRONIC PROGRESSIVE NEPHROPATHY

MILD
MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 108	TRT#: F1-5	DOSE: 250 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48332

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
KIDNEY

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
STOMACH, GLANDULAR

EPITHELIUM

HYPERPLASIA
MINERAL

MINIMAL
MINIMAL

Animal Note: Kinked tail confirmed at necropsy but does not require correlation with a gross lesion.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 109	TRT#: F1-5	DOSE: 250 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48688

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
KIDNEY

INTESTINE, LARGE, COLON
STOMACH, GLANDULAR

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 110	TRT#: F1-5	DOSE: 250 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48338

TISSUE STATUS

Within Normal Limits

INTESTINE, LARGE, CECUM
KIDNEY

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, JEJUNUM

OBSERVATIONS

INTESTINE, SMALL, ILEUM
STOMACH, GLANDULAR

EPITHELIUM

HYPERPLASIA
MINERAL

MINIMAL
MILD

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 111	TRT#: F1-6	DOSE: 500 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48361

TISSUE STATUS

Within Normal Limits

AORTA	BONE MARROW	BONE, FEMUR	BRAIN
CERVIX	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM
INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LIVER	LUNG
LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERUS
VAGINA			

OBSERVATIONS

ADRENAL GLAND		ACCESSORY ADRENOCORTICAL NODULE	
CLITORAL GLAND	DUCT	DILATION	MILD
INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
SALIVARY GLANDS	PAROTID GLAND	BASOPHILIC FOCUS	MULTIPLE

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 112	TRT#: F1-6	DOSE: 500 mg/L	SEX: Female	REMOVAL DAY: PND47
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Euthanized Moribund	HISTO: 48362

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CERVIX	CLITORAL GLAND	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, SMALL, DUODENUM	LIVER
LUNG	LYMPH NODE, MESENTERIC	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY	PANCREAS	PARATHYROID GLAND	PITUITARY GLAND
SALIVARY GLANDS	SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR
SPINAL CORD, THORACIC	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERUS	VAGINA

OBSERVATIONS

BONE MARROW		HYPOCELLULARITY	MILD
INTESTINE, LARGE, CECUM	EPITHELIUM	HYPERPLASIA	MODERATE
	EPITHELIUM	NECROSIS	MINIMAL
INTESTINE, LARGE, COLON	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, LARGE, RECTUM	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MODERATE
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LYMPH NODE, MANDIBULAR		ATROPHY	MODERATE
SPLEEN		ATROPHY	MODERATE
THYMUS		ATROPHY	MARKED

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Coat ruffled, nose/snout discharge, pale confirmed at necropsy but not correlated to gross lesions. Hunched, lethargic not correlatable post-mortem.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 113	TRT#: F1-6	DOSE: 500 mg/L	SEX: Female	REMOVAL DAY: PND30
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Euthanized Moribund	HISTO: 48818

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE, FEMUR	BRAIN
CERVIX	ESOPHAGUS	EYE	HARDERIAN GLAND
HEART	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	LUNG
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR
SPINAL CORD, THORACIC	STOMACH, FORESTOMACH	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	

MISSING

LYMPH NODE, MESENTERIC

OBSERVATIONS

BONE MARROW		HYPOCELLULARITY	MILD
CLITORAL GLAND		INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
INTESTINE, LARGE, CECUM	EPITHELIUM	HYPERPLASIA	MINIMAL
INTESTINE, LARGE, COLON	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MODERATE
LIVER	HEPATOCTYTE	VACUOLATION	MINIMAL
LYMPH NODE, MANDIBULAR		ATROPHY	MODERATE
OVARY		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL 1-NCL]			
SALIVARY GLANDS	SUBMANDIBULAR GLAND	SECRETORY DEPLETION	MILD
SPLEEN		ATROPHY	MODERATE
STOMACH, GLANDULAR	EPITHELIUM	ATROPHY	MILD
THYMUS		ATROPHY	MARKED

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Coat ruffled, red eye discharge, red nasal/snout discharge confirmed at necropsy but not correlated to a gross lesion. Feces, none not confirmed. Hunched, lethargic not correlatable at necropsy.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 114	TRT#: F1-6	DOSE: 500 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48706

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD, CERVICAL
SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	

OBSERVATIONS

CLITORAL GLAND		INFILTRATE, CELLULAR	LYMPHOCYTE, MILD
INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

Animal Note: Kinked tail confirmed at necropsy, but correlation with a gross observation is not necessary.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 115	TRT#: F1-6	DOSE: 500 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48705

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERUS	VAGINA

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 116	TRT#: F1-6	DOSE: 500 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48708

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD, CERVICAL
SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH
STOMACH, GLANDULAR	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 117

TRT#: F1-6

DOSE: 500 mg/L

SEX: Female

REMOVAL DAY: PND120

GENERATION: F1

SELECTION: F1 Core Animals

DISP: Scheduled Removal (Terminal)

HISTO: 48749

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND

AORTA

BONE MARROW

BONE, FEMUR

BRAIN

CERVIX

CLITORAL GLAND

ESOPHAGUS

EYE

HARDERIAN GLAND

HEART

INTESTINE, LARGE, CECUM

INTESTINE, LARGE, COLON

INTESTINE, LARGE, RECTUM

INTESTINE, SMALL, DUODENUM

INTESTINE, SMALL, JEJUNUM

KIDNEY

LIVER

LUNG

LYMPH NODE, MANDIBULAR

LYMPH NODE, MESENTERIC

MAMMARY GLAND

MUSCLE, THIGH

NERVE, SCIATIC

NERVE, TIBIAL

NERVE, TRIGEMINAL

NOSE

OVARY

PANCREAS

PARATHYROID GLAND

PITUITARY GLAND

SALIVARY GLANDS

SKIN

SPINAL CORD, CERVICAL

SPINAL CORD, LUMBAR

SPINAL CORD, THORACIC

SPLEEN

STOMACH, FORESTOMACH

STOMACH, GLANDULAR

THYMUS

TRACHEA

URINARY BLADDER

UTERUS

VAGINA

OBSERVATIONS

INTESTINE, SMALL, ILEUM

EPITHELIUM

HYPERPLASIA

MILD

THYROID GLAND

CYST

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 118	TRT#: F1-6	DOSE: 500 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48747

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	ESOPHAGUS	EYE
HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM	INTESTINE, LARGE, COLON
INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY	PANCREAS	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS
THYROID GLAND	TRACHEA	URINARY BLADDER	UTERUS
VAGINA			

NO SECTION

PARATHYROID GLAND

OBSERVATIONS

CLITORAL GLAND		INFILTRATE, CELLULAR	LYMPHOCYTE, MINIMAL
INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD

Animal Note: Pale not confirmed at necropsy because it was not a terminal clinical observation.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 119	TRT#: F1-6	DOSE: 500 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48748

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	MAMMARY GLAND	MUSCLE, THIGH
NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL	NOSE
OVARY	PANCREAS	PITUITARY GLAND	SALIVARY GLANDS
SKIN	SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC
SPLEEN	STOMACH, FORESTOMACH	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	UTERUS	VAGINA

NO SECTION

PARATHYROID GLAND

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
LYMPH NODE, MESENTERIC		HYPERPLASIA	LYMPHOCYTE, MILD
STOMACH, GLANDULAR		MINERAL	MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 120	TRT#: F1-6	DOSE: 500 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48754

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	INTESTINE, SMALL, JEJUNUM
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN
STOMACH, FORESTOMACH	STOMACH, GLANDULAR	THYMUS	THYROID GLAND
TRACHEA	URINARY BLADDER	VAGINA	

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MINIMAL
UTERUS	ENDOMETRIUM	HYPERPLASIA	CYSTIC, MILD

Animal Note: Kinked tail confirmed at necropsy, but correlation with a gross observation is not necessary.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 186	TRT#: F1-6	DOSE: 500 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48365

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	LIVER
LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC	MAMMARY GLAND
MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL	NERVE, TRIGEMINAL
NOSE	OVARY	PANCREAS	PARATHYROID GLAND
PITUITARY GLAND	SALIVARY GLANDS	SKIN	SPINAL CORD, CERVICAL
SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN	STOMACH, FORESTOMACH
THYMUS	THYROID GLAND	TRACHEA	URINARY BLADDER
UTERUS	VAGINA		

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MINIMAL
KIDNEY		CHRONIC PROGRESSIVE NEPHROPATHY	MILD
STOMACH, GLANDULAR		MINERAL	MINIMAL

Animal Note: Kinked tail confirmed at necropsy, but correlation with a gross observation is not necessary.

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

ANIMAL ID: 187	TRT#: F1-6	DOSE: 500 mg/L	SEX: Female	REMOVAL DAY: PND120
GENERATION: F1	SELECTION: F1 Core Animals		DISP: Scheduled Removal (Terminal)	HISTO: 48704

TISSUE STATUS

Within Normal Limits

ADRENAL GLAND	AORTA	BONE MARROW	BONE, FEMUR
BRAIN	CERVIX	CLITORAL GLAND	ESOPHAGUS
EYE	HARDERIAN GLAND	HEART	INTESTINE, LARGE, CECUM
INTESTINE, LARGE, COLON	INTESTINE, LARGE, RECTUM	INTESTINE, SMALL, DUODENUM	KIDNEY
LIVER	LUNG	LYMPH NODE, MANDIBULAR	LYMPH NODE, MESENTERIC
MAMMARY GLAND	MUSCLE, THIGH	NERVE, SCIATIC	NERVE, TIBIAL
NERVE, TRIGEMINAL	NOSE	OVARY	PANCREAS
PARATHYROID GLAND	PITUITARY GLAND	SALIVARY GLANDS	SKIN
SPINAL CORD, CERVICAL	SPINAL CORD, LUMBAR	SPINAL CORD, THORACIC	SPLEEN
STOMACH, FORESTOMACH	THYMUS	THYROID GLAND	TRACHEA
URINARY BLADDER	UTERUS	VAGINA	

OBSERVATIONS

INTESTINE, SMALL, ILEUM	EPITHELIUM	HYPERPLASIA	MILD
INTESTINE, SMALL, JEJUNUM	EPITHELIUM	HYPERPLASIA	MILD
STOMACH, GLANDULAR		MINERAL	MINIMAL

Study Number: C94043-03

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 01/18/2022

Time Report Requested: 08:14:18

Lab: Battelle with EPL

LEGEND

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

**** END OF REPORT ****