

Experiment Number: C94043-01

Test Type: TOX

Route: Dosing in Water

Species/Strain: Rat/Harlan Sprague Dawley

PA46: Summary of Gross Pathology

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 03/18/2016

Time Report Requested: 08:03:52

Lab: Battelle

C Number:

C94043-01

Cage Range:

All

Date Range:

All

Reasons For Removal:

All

Removal Date Range:

All

Treatment Groups:

All

Study Gender:

Both

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Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

Date Report Requested: 03/18/2016

Time Report Requested: 08:03:52

Lab: Battelle

Male

Treatment Groups (mg/L)

	0	125	250	500	1000	2000
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Scheduled sacrifice, interim					5	4
Early Deaths						
Found Dead						1
Survivors						
Scheduled sacrifice, terminal (SD 15)	5	5	5	5		
Number of Animals Examined	5	5	5	5	5	5

ALIMENTARY SYSTEM

ESOPHAGUS	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, LARGE, CECUM	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, LARGE, COLON	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, LARGE, RECTUM	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, SMALL, DUODENUM	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, SMALL, ILEUM	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, SMALL, JEJUNUM	(5)	(5)	(5)	(5)	(5)	(5)
LIVER	(5)	(5)	(5)	(5)	(5)	(5)
DEFORMITY; MEDIAN LOBE; TAN			1			
MESENTARY	(5)	(5)	(5)	(5)	(5)	(5)
PANCREAS	(5)	(5)	(5)	(5)	(5)	(5)
PHARYNX	(5)	(5)	(5)	(5)	(5)	(5)
SALIVARY GLAND	(5)	(5)	(5)	(5)	(5)	(5)
STOMACH	(5)	(5)	(5)	(5)	(5)	(5)
TONGUE	(5)	(5)	(5)	(5)	(5)	(5)
TOOTH	(5)	(5)	(5)	(5)	(5)	(5)

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Lab: Battelle

	Male					
	Treatment Groups (mg/L)					
	0	125	250	500	1000	2000
CARDIOVASCULAR SYSTEM						
BLOOD VESSEL	(5)	(5)	(5)	(5)	(5)	(5)
HEART	(5)	(5)	(5)	(5)	(5)	(5)
ENDOCRINE SYSTEM						
ADRENAL GLAND	(5)	(5)	(5)	(5)	(5)	(5)
PARATHYROID GLAND	(5)	(5)	(5)	(5)	(5)	(5)
PITUITARY GLAND	(5)	(5)	(5)	(5)	(5)	(5)
THYROID GLAND	(5)	(5)	(5)	(5)	(5)	(5)
GENERAL BODY SYSTEM						
CAVITY, ABDOMINAL	(5)	(5)	(5)	(5)	(5)	(5)
CAVITY, NASAL	(5)	(5)	(5)	(5)	(5)	(5)
CAVITY, THORACIC	(5)	(5)	(5)	(5)	(5)	(5)
WHOLE BODY	(5)	(5)	(5)	(5)	(5)	(5)
GENITAL SYSTEM						
COAGULATING GLAND	(5)	(5)	(5)	(5)	(5)	(5)
EPIDIDYMIS, LEFT	(5)	(5)	(5)	(5)	(5)	(5)
EPIDIDYMIS, RIGHT	(5)	(5)	(5)	(5)	(5)	(5)
PENIS	(5)	(5)	(5)	(5)	(5)	(5)
PREPUTIAL GLAND	(5)	(5)	(5)	(5)	(5)	(5)
PROSTATE GLAND	(5)	(5)	(5)	(5)	(5)	(5)
SEMINAL VESICLE	(5)	(5)	(5)	(5)	(5)	(5)
TESTIS, LEFT	(5)	(5)	(5)	(5)	(5)	(5)
TESTIS, RIGHT	(5)	(5)	(5)	(5)	(5)	(5)

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Lab: Battelle

	Male					
	Treatment Groups (mg/L)					
	0	125	250	500	1000	2000
HEMATOPOIETIC SYSTEM						
BLOOD	(5)	(5)	(5)	(5)	(5)	(5)
BONE MARROW	(5)	(5)	(5)	(5)	(5)	(5)
LYMPH NODE	(5)	(5)	(5)	(5)	(5)	(5)
LYMPH NODE, BRONCHIAL	(5)	(5)	(5)	(5)	(5)	(5)
LYMPH NODE, MANDIBULAR	(5)	(5)	(5)	(5)	(5)	(5)
LYMPH NODE, MEDIASTINAL	(5)	(5)	(5)	(5)	(5)	(5)
LYMPH NODE, MESENTERIC	(5)	(5)	(5)	(5)	(5)	(5)
SPLEEN	(5)	(5)	(5)	(5)	(5)	(5)
THYMUS	(5)	(5)	(5)	(5)	(5)	(5)
INTEGUMENTARY SYSTEM						
MAMMARY GLAND	(5)	(5)	(5)	(5)	(5)	(5)
SKIN	(5)	(5)	(5)	(5)	(5)	(5)
MUSCULOSKELETAL SYSTEM						
BONE	(5)	(5)	(5)	(5)	(5)	(5)
SKELETAL MUSCLE	(5)	(5)	(5)	(5)	(5)	(5)
NERVOUS SYSTEM						
BRAIN	(5)	(5)	(5)	(5)	(5)	(5)
NERVE, SCIATIC	(5)	(5)	(5)	(5)	(5)	(5)
NERVE, TIBIAL	(5)	(5)	(5)	(5)	(5)	(5)
NERVE, TRIGEMINAL	(5)	(5)	(5)	(5)	(5)	(5)
SPINAL CORD	(5)	(5)	(5)	(5)	(5)	(5)
RESPIRATORY SYSTEM						
LARYNX	(5)	(5)	(5)	(5)	(5)	(5)
LUNG	(5)	(5)	(5)	(5)	(5)	(5)
TRACHEA	(5)	(5)	(5)	(5)	(5)	(5)

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Lab: Battelle

Male

Treatment Groups (mg/L)

	0	125	250	500	1000	2000
<hr/>						
SPECIAL SENSES SYSTEM						
EYE	(5)	(5)	(5)	(5)	(5)	(5)
HARDERIAN GLAND	(5)	(5)	(5)	(5)	(5)	(5)
LACRIMAL GLAND	(5)	(5)	(5)	(5)	(5)	(5)
ZYMBALS GLAND	(5)	(5)	(5)	(5)	(5)	(5)
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URINARY SYSTEM						
KIDNEY, LEFT	(5)	(5)	(5)	(5)	(5)	(5)
KIDNEY, RIGHT	(5)	(5)	(5)	(5)	(5)	(5)
URETER	(5)	(5)	(5)	(5)	(5)	(5)
URINARY BLADDER	(5)	(5)	(5)	(5)	(5)	(5)

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Lab: Battelle

	Female					
	Treatment Groups (mg/L)					
	0	125	250	500	1000	2000
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Scheduled sacrifice, interim					5	4
Early Deaths						
Found Dead						1
Survivors						
Scheduled sacrifice, terminal (SD 15)	5	5	5	5		
Number of Animals Examined	5	5	5	5	5	5
ALIMENTARY SYSTEM						
ESOPHAGUS	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, LARGE, CECUM	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, LARGE, COLON	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, LARGE, RECTUM	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, SMALL, DUODENUM	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, SMALL, ILEUM	(5)	(5)	(5)	(5)	(5)	(5)
INTESTINE, SMALL, JEJUNUM	(5)	(5)	(5)	(5)	(5)	(5)
LIVER	(5)	(5)	(5)	(5)	(5)	(5)
MESENTARY	(5)	(5)	(5)	(5)	(5)	(5)
PANCREAS	(5)	(5)	(5)	(5)	(5)	(5)
PHARYNX	(5)	(5)	(5)	(5)	(5)	(5)
SALIVARY GLAND	(5)	(5)	(5)	(5)	(5)	(5)
STOMACH	(5)	(5)	(5)	(5)	(5)	(5)
TONGUE	(5)	(5)	(5)	(5)	(5)	(5)
TOOTH	(5)	(5)	(5)	(5)	(5)	(5)
CARDIOVASCULAR SYSTEM						
BLOOD VESSEL	(5)	(5)	(5)	(5)	(5)	(5)
HEART	(5)	(5)	(5)	(5)	(5)	(5)

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Lab: Battelle

	Female					
	Treatment Groups (mg/L)					
	0	125	250	500	1000	2000
ENDOCRINE SYSTEM						
ADRENAL GLAND	(5)	(5)	(5)	(5)	(5)	(5)
PARATHYROID GLAND	(5)	(5)	(5)	(5)	(5)	(5)
PITUITARY GLAND	(5)	(5)	(5)	(5)	(5)	(5)
THYROID GLAND	(5)	(5)	(5)	(5)	(5)	(5)
GENERAL BODY SYSTEM						
CAVITY, ABDOMINAL	(5)	(5)	(5)	(5)	(5)	(5)
CAVITY, NASAL	(5)	(5)	(5)	(5)	(5)	(5)
CAVITY, THORACIC	(5)	(5)	(5)	(5)	(5)	(5)
WHOLE BODY	(5)	(5)	(5)	(5)	(5)	(5)
GENITAL SYSTEM						
CLITORAL GLAND	(5)	(5)	(5)	(5)	(5)	(5)
OVARY, LEFT	(5)	(5)	(5)	(5)	(5)	(5)
OVARY, RIGHT	(5)	(5)	(5)	(5)	(5)	(5)
OVIDUCT	(5)	(5)	(5)	(5)	(5)	(5)
UTERUS	(5)	(5)	(5)	(5)	(5)	(5)
VAGINA	(5)	(5)	(5)	(5)	(5)	(5)

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	Female					
	Treatment Groups (mg/L)					
	0	125	250	500	1000	2000
HEMATOPOIETIC SYSTEM						
BLOOD	(5)	(5)	(5)	(5)	(5)	(5)
BONE MARROW	(5)	(5)	(5)	(5)	(5)	(5)
LYMPH NODE	(5)	(5)	(5)	(5)	(5)	(5)
LYMPH NODE, BRONCHIAL	(5)	(5)	(5)	(5)	(5)	(5)
LYMPH NODE, MANDIBULAR	(5)	(5)	(5)	(5)	(5)	(5)
LYMPH NODE, MEDIASTINAL	(5)	(5)	(5)	(5)	(5)	(5)
LYMPH NODE, MESENTERIC	(5)	(5)	(5)	(5)	(5)	(5)
SPLEEN	(5)	(5)	(5)	(5)	(5)	(5)
THYMUS	(5)	(5)	(5)	(5)	(5)	(5)
DISCOLORATION; DARK	1					
INTEGUMENTARY SYSTEM						
MAMMARY GLAND	(5)	(5)	(5)	(5)	(5)	(5)
SKIN	(5)	(5)	(5)	(5)	(5)	(5)
MUSCULOSKELETAL SYSTEM						
BONE	(5)	(5)	(5)	(5)	(5)	(5)
SKELETAL MUSCLE	(5)	(5)	(5)	(5)	(5)	(5)
NERVOUS SYSTEM						
BRAIN	(5)	(5)	(5)	(5)	(5)	(5)
NERVE, SCIATIC	(5)	(5)	(5)	(5)	(5)	(5)
NERVE, TIBIAL	(5)	(5)	(5)	(5)	(5)	(5)
NERVE, TRIGEMINAL	(5)	(5)	(5)	(5)	(5)	(5)
SPINAL CORD	(5)	(5)	(5)	(5)	(5)	(5)
RESPIRATORY SYSTEM						
LARYNX	(5)	(5)	(5)	(5)	(5)	(5)
LUNG	(5)	(5)	(5)	(5)	(5)	(5)
TRACHEA	(5)	(5)	(5)	(5)	(5)	(5)

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Female

Treatment Groups (mg/L)

	0	125	250	500	1000	2000
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SPECIAL SENSES SYSTEM						
EYE	(5)	(5)	(5)	(5)	(5)	(5)
HARDERIAN GLAND	(5)	(5)	(5)	(5)	(5)	(5)
LACRIMAL GLAND	(5)	(5)	(5)	(5)	(5)	(5)
ZYMBALS GLAND	(5)	(5)	(5)	(5)	(5)	(5)
<hr/>						
URINARY SYSTEM						
KIDNEY, LEFT	(5)	(5)	(5)	(5)	(5)	(5)
KIDNEY, RIGHT	(5)	(5)	(5)	(5)	(5)	(5)
URETER	(5)	(5)	(5)	(5)	(5)	(5)
URINARY BLADDER	(5)	(5)	(5)	(5)	(5)	(5)

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LEGEND

Upper row denotes number of tissues examined displayed in parentheses

Lower row denotes number of tissues with observation

**** END OF REPORT ****