

**Study Number:** C94043-03

**Test Type:** TOX

**Route:** Dosing in Water

**Species/Strain:** Rat/Harlan Sprague Dawley

**PA46s: Summary of Gross Pathology**

**Test Compound:** Sodium Metavanadate

**CAS Number:** 13718-26-8

**Date Report Requested:** 08/04/2021

**Time Report Requested:** 08:53:11

**Lab:** Battelle

**Study Number:**

C94043-03

**Study Gender:**

Both

**PWG Approval Date:**

See web page for date of PWG Approval

**Version:**

v1.2.9

**Stat Version:**

2021.06.29S

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**F1 Male: F1 Core Animals**

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	Treatment Groups (mg/L)					
	0	31.3	62.5	125	250	500
<b>Disposition Summary</b>						
Animals Initially In Study	10	10	10	10	10	13
Censored						
Early Deaths						
Sacrificed, Moribund						1
Survivors						
Scheduled Sacrifice, Terminal	10	10	10	10	10	12
Number of Animals Examined	10	10	10	10	10	13

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**ALIMENTARY SYSTEM**

None

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**CARDIOVASCULAR SYSTEM**

None

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**ENDOCRINE SYSTEM**

None

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**GENERAL BODY SYSTEM**

None

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**GENITAL SYSTEM**

None

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**HEMATOLYMPHOID SYSTEM**

None

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**INTEGUMENTARY SYSTEM**

None

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**F1 Male: F1 Core Animals**

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**Treatment Groups (mg/L)**

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**0                      31.3                      62.5                      125                      250                      500**

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**MUSCULOSKELETAL SYSTEM**

None

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**NERVOUS SYSTEM**

None

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**RESPIRATORY SYSTEM**

None

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**SPECIAL SENSES SYSTEM**

None

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**URINARY SYSTEM**

KIDNEY, RIGHT	(10)	(10)	(10)	(10)	(10)	(13)
PELVIS; DILATION						1 (7.7%)
DILATION			1 (10.0%)	1 (10.0%)		

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**F1 Female: F1 Core Animals**

	Treatment Groups (mg/L)					
	0	31.3	62.5	125	250	500
<b>Disposition Summary</b>						
Animals Initially In Study	10	10	10	10	10	12
Censored						
Early Deaths						
Sacrificed, Moribund						2
Survivors						
Scheduled Sacrifice, Terminal	10	10	10	10	10	10
Number of Animals Examined	10	10	10	10	10	12

**ALIMENTARY SYSTEM**

None

**CARDIOVASCULAR SYSTEM**

None

**ENDOCRINE SYSTEM**

None

**GENERAL BODY SYSTEM**

None

**GENITAL SYSTEM**

OVARY, RIGHT	(10)	(10)	(10)	(10)	(10)	(12)
CYST; CLEAR						1 (8.3%)
UTERUS	(10)	(10)	(10)	(10)	(10)	(12)
LEFT; NODULE				1 (10.0%)		

**HEMATOLYMPHOID SYSTEM**

None

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**F1 Female: F1 Core Animals**

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**Treatment Groups (mg/L)**

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**0**

**31.3**

**62.5**

**125**

**250**

**500**

---

**INTEGUMENTARY SYSTEM**

None

---

**MUSCULOSKELETAL SYSTEM**

None

---

**NERVOUS SYSTEM**

None

---

**RESPIRATORY SYSTEM**

None

---

**SPECIAL SENSES SYSTEM**

None

---

**URINARY SYSTEM**

None

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## LEGEND

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Number of animals examined for each tissue shown in parentheses. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion. The exception to this is if statistical significance is found for a lesion and the control group has no animals with the lesion then a 0 is included for the control group on the table for that lesion.

Number of animals with observation reported with percent incidence in parentheses

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) one-sided tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

\* Statistically significant at  $P \leq 0.05$

\*\* Statistically significant at  $P \leq 0.01$

The 500 mg/L group for the F1 Core animals contained multiple animals per litter, but all other groups contained only one animal per sex per litter. Litter-based methods were not used in the analysis of the F1 Core animals.

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