

**Study Number:** C08004-04  
**Test Type:** TOX  
**Route:** Dosing in Water  
**Species/Strain:** Mouse/B6C3F1/N

**PA46s: Summary of Gross Pathology**  
**Test Compound:** Vanadyl sulfate  
**CAS Number:** 27774-13-6

**Date Report Requested:** 09/20/2021  
**Time Report Requested:** 08:49:33  
**Lab:** Battelle

**Study Number:** C08004-04  
**Study Gender:** Both  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.3.2  
**Stat Version:** v2.7.2A

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**Male: Core Males**

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	<b>Treatment Groups (mg/L)</b>					
	<b>0</b>	<b>21.0</b>	<b>41.9</b>	<b>83.8</b>	<b>168</b>	<b>335</b>
<b>Disposition Summary</b>						
Animals Initially In Study	10	10	10	10	10	10
Censored						
Early Deaths						
Survivors						
Scheduled Sacrifice, Terminal	10	10	10	10	10	10
Number of Animals Examined	10	10	10	10	10	10

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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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**MUSCULOSKELETAL SYSTEM**

None

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**Male: Core Males**

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**Treatment Groups (mg/L)**

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0	21.0	41.9	83.8	168	335
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**NERVOUS SYSTEM**

None

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**RESPIRATORY SYSTEM**

None

---

**SPECIAL SENSES SYSTEM**

None

---

**URINARY SYSTEM**

None

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**Female: Core Females**

	Treatment Groups (mg/L)					
	0	21.0	41.9	83.8	168	335
<b>Disposition Summary</b>						
Animals Initially In Study	10	10	10	10	10	10
Censored						
Early Deaths						
Survivors						
Scheduled Sacrifice, Terminal	10	10	10	10	10	10
Number of Animals Examined	10	10	10	10	10	10

**ALIMENTARY SYSTEM**

None

**CARDIOVASCULAR SYSTEM**

None

**ENDOCRINE SYSTEM**

None

**GENERAL BODY SYSTEM**

None

**GENITAL SYSTEM**

OVARY, LEFT	(10)	(10)	(10)	(10)	(10)	(10)
ENLARGED; RED	1 (10.0%)					

**HEMATOLYMPHOID SYSTEM**

None

**INTEGUMENTARY SYSTEM**

None

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**Female: Core Females**

---

**Treatment Groups (mg/L)**

---

**0                      21.0                      41.9                      83.8                      168                      335**

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**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 (percent) of animals affected given for each observation

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  $P \leq 0.01$

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