

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:

PA48: Summary of Tissue Concentration

Test Compound: Sodium Metavanadate

CAS Number: 13718-26-8

C94043-03

Both

See web page for date of PWG Approval

v1.1.3

Date Report Requested: 12/18/2020

Time Report Requested: 07:54:52

Lab: Battelle

Study Number: C94043-03

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Lab: Battelle

		F1 Male: F1 Biosample Animals			
Phase	Dose (mg/L)	0	31.3	62.5	125
PND 117	Plasma Vanadium Concentration (ng/ml)	BD	28.4 ± 3.12 (5)	65.4 ± 6.65 (5)	121 ± 3.40 (5)
PND 117	Urine Vanadium Concentration (ng/ml)	BD	120 ± 16.1 (5)	588 ± 37.8 (5)	1440 ± 97.9 (5)

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F1 Male: F1 Biosample Animals

Phase	Dose (mg/L)	250
PND 117	Plasma Vanadium Concentration (ng/ml)	202 ± 14.1 (5)
PND 117	Urine Vanadium Concentration (ng/ml)	2380 ± 288 (5)

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		F1 Female: F1 Biosample Animals			
Phase	Dose (mg/L)	0	31.3	62.5	125
PND 116	Plasma Vanadium Concentration (ng/ml)	BD	27.8 ± 3.34 (5)	72.2 ± 10.3 (5)	165 ± 18.8 (5)
PND 116	Urine Vanadium Concentration (ng/ml)	BD	65.0 ± 20.4 (5)	215 ± 35.9 (5)	1030 ± 290 (5)

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F1 Female: F1 Biosample Animals

Phase	Dose (mg/L)	250
PND 116	Plasma Vanadium Concentration (ng/ml)	298 ± 12.3 (5)
PND 116	Urine Vanadium Concentration (ng/ml)	1590 ± 70.0 (5)

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted.

PND - Postnatal Day

Values below the limit of detection (LOD) were substituted with 1/2 the LOD value.

When the control group did not have over 20% of its values above the limit of detection, no mean or standard error were calculated; no statistical analysis was done for the endpoint.

BD - Group did not have over 20% of its values above the limit of detection.

**** END OF REPORT ****