

**Experiment Number:** C94043-02

**Test Type:** TOX

**Route:** Dosing in Water

**Species/Strain:** Mouse/B6C3F1/N

**C Number:**

**Cage Range:**

**Date Range:**

**Reasons For Removal:**

**Removal Date Range:**

**Treatment Groups:**

**Study Gender:**

**PA06: ORGAN WEIGHTS SUMMARY**

**Test Compound:** Sodium Metavanadate

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

C94043-02

All

All

All

All

All

Both

**Date Report Requested:** 03/10/2016

**Time Report Requested:** 10:32:10

**Lab:** Battelle

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Lab: Battelle

	Males			
	Treatment Groups (mg/L)			
	0	125	250	500
Terminal Body Wt.	23.8 ± 0.3 (5) *	24.0 ± 0.5 (5)	23.6 ± 0.3 (5)	20.3 ± 1.5 (4) **
R. Epididymis				
Absolute (g)	0.0353 ± 0.0042 (5)	0.0339 ± 0.0032 (5)	0.0358 ± 0.0019 (5)	0.0314 ± 0.0018 (4)
Relative (mg/g)	1.48 ± 0.17 (5)	1.41 ± 0.13 (5)	1.52 ± 0.06 (5)	1.56 ± 0.08 (4)
L. Epididymis				
Absolute (g)	0.0358 ± 0.0018 (5)	0.0352 ± 0.0012 (5)	0.0335 ± 0.0018 (5)	0.0333 ± 0.0011 (4)
Relative (mg/g)	1.50 ± 0.09 (5)	1.47 ± 0.06 (5)	1.41 ± 0.05 (5)	1.66 ± 0.10 (4)
Heart				
Absolute (g)	0.18 ± 0.01 (5) **	0.12 ± 0.00 (5) **	0.12 ± 0.00 (5) **	0.11 ± 0.01 (4) **
Relative (mg/g)	7.38 ± 0.21 (5) *	5.01 ± 0.10 (5) **	5.17 ± 0.04 (5) **	5.23 ± 0.31 (4) **
R. Kidney				
Absolute (g)	0.22 ± 0.01 (5)	0.24 ± 0.00 (5)	0.23 ± 0.00 (5)	0.21 ± 0.02 (4)
Relative (mg/g)	9.14 ± 0.24 (5) *	10.17 ± 0.12 (5) **	9.75 ± 0.15 (5)	10.20 ± 0.18 (4) **
L. Kidney				
Absolute (g)	0.20 ± 0.01 (5)	0.22 ± 0.01 (5)	0.21 ± 0.01 (5)	0.20 ± 0.02 (4)
Relative (mg/g)	8.56 ± 0.27 (5) *	9.16 ± 0.08 (5)	9.07 ± 0.27 (5)	9.71 ± 0.35 (4) *
Liver				
Absolute (g)	1.34 ± 0.05 (5)	1.40 ± 0.03 (5)	1.39 ± 0.03 (5)	1.19 ± 0.10 (4)
Relative (mg/g)	56.19 ± 1.77 (5)	58.28 ± 1.11 (5)	59.00 ± 1.05 (5)	58.47 ± 1.23 (4)
Lung				
Absolute (g)	0.28 ± 0.02 (5) **	0.17 ± 0.01 (5) **	0.18 ± 0.01 (5) **	0.16 ± 0.01 (4) **
Relative (mg/g)	11.76 ± 0.73 (5)	7.26 ± 0.36 (5) **	7.46 ± 0.32 (5) **	7.77 ± 0.29 (4) **
R. Testis				
Absolute (g)	0.095 ± 0.002 (5)	0.097 ± 0.004 (5)	0.096 ± 0.002 (5)	0.093 ± 0.003 (4)
Relative (mg/g)	3.97 ± 0.07 (5)	4.05 ± 0.13 (5)	4.07 ± 0.09 (5)	4.63 ± 0.33 (4) *
L. Testis				
Absolute (g)	0.094 ± 0.002 (5)	0.098 ± 0.004 (5)	0.094 ± 0.001 (5)	0.088 ± 0.002 (4)
Relative (mg/g)	3.96 ± 0.07 (5)	4.08 ± 0.15 (5)	4.00 ± 0.07 (5)	4.41 ± 0.33 (4)

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	Males			
	Treatment Groups (mg/L)			
	0	125	250	500
Thymus				
Absolute (g)	0.06 ± 0.01 (5)	0.06 ± 0.00 (5)	0.06 ± 0.00 (5)	0.03 ± 0.01 (4) *
Relative (mg/g)	2.37 ± 0.22 (5)	2.32 ± 0.09 (5)	2.34 ± 0.14 (5)	1.55 ± 0.51 (4)

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	Females			
	Treatment Groups (mg/L)			
	0	125	250	500
Terminal Body Wt.	19.3 ± 0.6 (5)	19.1 ± 0.5 (5)	19.2 ± 0.3 (5)	16.1 ± 1.4 (5) *
Heart				
Absolute (g)	0.12 ± 0.01 (5) **	0.10 ± 0.00 (5) *	0.10 ± 0.00 (5) *	0.08 ± 0.01 (5) **
Relative (mg/g)	6.40 ± 0.51 (5) *	5.25 ± 0.13 (5) *	5.11 ± 0.15 (5) *	5.25 ± 0.22 (5) *
R. Kidney				
Absolute (g)	0.15 ± 0.00 (5)	0.16 ± 0.01 (5)	0.15 ± 0.00 (5)	0.14 ± 0.01 (5)
Relative (mg/g)	7.69 ± 0.08 (5) **	8.16 ± 0.33 (5)	8.03 ± 0.10 (5)	8.90 ± 0.35 (5) **
L. Kidney				
Absolute (g)	0.14 ± 0.00 (5)	0.14 ± 0.01 (5)	0.14 ± 0.00 (5)	0.13 ± 0.01 (5)
Relative (mg/g)	7.38 ± 0.24 (5)	7.41 ± 0.65 (5)	7.40 ± 0.23 (5)	8.26 ± 0.38 (5)
Liver				
Absolute (g)	1.07 ± 0.05 (5)	1.06 ± 0.04 (5)	1.08 ± 0.03 (5)	0.92 ± 0.07 (5)
Relative (mg/g)	55.43 ± 1.17 (5)	55.34 ± 0.70 (5)	56.31 ± 1.12 (5)	58.00 ± 3.79 (5)
Lung				
Absolute (g)	0.23 ± 0.01 (5) **	0.16 ± 0.01 (5) **	0.16 ± 0.01 (5) **	0.14 ± 0.01 (5) **
Relative (mg/g)	12.05 ± 0.67 (5)	8.58 ± 0.16 (5) **	8.45 ± 0.31 (5) **	8.98 ± 0.26 (5) **
R. Ovary				
Absolute (g)	0.0092 ± 0.0010 (5) *	0.0083 ± 0.0008 (5)	0.0075 ± 0.0013 (5)	0.0057 ± 0.0011 (5)
Relative (mg/g)	0.48 ± 0.05 (5)	0.44 ± 0.05 (5)	0.39 ± 0.06 (5)	0.34 ± 0.06 (5)
L. Ovary				
Absolute (g)	0.0091 ± 0.0016 (5) **	0.0091 ± 0.0007 (5)	0.0076 ± 0.0007 (5)	0.0047 ± 0.0008 (5) **
Relative (mg/g)	0.47 ± 0.07 (5) *	0.48 ± 0.04 (5)	0.40 ± 0.04 (5)	0.29 ± 0.05 (5)
Thymus				
Absolute (g)	0.07 ± 0.00 (5)	0.08 ± 0.00 (5)	0.07 ± 0.00 (5)	0.05 ± 0.02 (5)
Relative (mg/g)	3.77 ± 0.17 (5)	3.94 ± 0.10 (5)	3.72 ± 0.18 (5)	2.67 ± 0.89 (5)

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## LEGEND

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Data are displayed as mean  $\pm$  SEM (N)

Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight

Statistical analysis performed by Jonckheere (trend) and William or Dunnett (pairwise) tests

Statistical significance for the control group indicates a significant trend test

\* Statistically significant at  $P \leq 0.05$

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

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