

**Experiment Number:** C03038-02

**Test Type:** TOX

**Route:** Dosing in Water

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

**C Number:**

C03038-02

**Cage Range:**

All

**Date Range:**

All

**Reasons For Removal:**

All

**Removal Date Range:**

All

**Treatment Groups:**

All

**Study Gender:**

Both

**PA06: Organ Weights Summary**

**Test Compound:** Sodium Tungstate Dihydrate

**CAS Number:** 10213-10-2

**Date Report Requested:** 12/27/2017

**Time Report Requested:** 12:14:42

**Lab:** NTP

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Males

Treatment Groups (mg/L)

	0	125	250	500	1000	2000
Terminal Body Wt.	41.2 ± 1.0 (10) **	42.4 ± 0.9 (10)	41.6 ± 1.5 (10)	40.7 ± 1.1 (10)	40.4 ± 0.8 (10)	37.5 ± 1.1 (10) *
Heart						
Absolute (g)	0.19 ± 0.01 (10)	0.20 ± 0.01 (10)	0.20 ± 0.01 (10)	0.19 ± 0.00 (10)	0.19 ± 0.01 (10)	0.19 ± 0.01 (10)
Relative (mg/g)	4.66 ± 0.11 (10)	4.69 ± 0.11 (10)	4.83 ± 0.19 (10)	4.65 ± 0.17 (10)	4.58 ± 0.16 (10)	5.06 ± 0.18 (10)
R. Kidney						
Absolute (g)	0.30 ± 0.00 (10)	0.30 ± 0.01 (10)	0.31 ± 0.01 (10)	0.31 ± 0.01 (10)	0.31 ± 0.01 (10)	0.29 ± 0.00 (10)
Relative (mg/g)	7.28 ± 0.15 (10) **	7.15 ± 0.16 (10)	7.47 ± 0.18 (10)	7.53 ± 0.22 (10)	7.75 ± 0.16 (10)	7.84 ± 0.18 (10) *
Liver						
Absolute (g)	1.76 ± 0.08 (10)	1.80 ± 0.08 (10)	1.82 ± 0.13 (10)	1.72 ± 0.06 (10)	1.77 ± 0.06 (10)	1.60 ± 0.06 (10)
Relative (mg/g)	42.64 ± 1.04 (10)	42.30 ± 1.04 (10)	43.19 ± 1.46 (10)	42.15 ± 0.56 (10)	43.80 ± 0.81 (10)	42.53 ± 1.03 (10)
Lung						
Absolute (g)	0.25 ± 0.01 (10)	0.24 ± 0.01 (10)	0.23 ± 0.01 (10)	0.25 ± 0.01 (10)	0.24 ± 0.01 (10)	0.25 ± 0.01 (10)
Relative (mg/g)	6.10 ± 0.28 (10)	5.66 ± 0.31 (10)	5.54 ± 0.27 (10)	6.21 ± 0.30 (10)	5.95 ± 0.20 (10)	6.63 ± 0.24 (10)
R. Testis						
Absolute (g)	0.114 ± 0.003 (10)	0.113 ± 0.002 (10)	0.115 ± 0.003 (10)	0.115 ± 0.003 (10)	0.115 ± 0.003 (10)	0.114 ± 0.002 (10)
Relative (mg/g)	2.76 ± 0.06 (10) **	2.67 ± 0.04 (10)	2.77 ± 0.06 (10)	2.83 ± 0.08 (10)	2.84 ± 0.08 (10)	3.05 ± 0.06 (10) **
Thymus						
Absolute (g)	0.052 ± 0.004 (10)	0.060 ± 0.007 (10)	0.066 ± 0.007 (10)	0.055 ± 0.005 (10)	0.049 ± 0.005 (10)	0.050 ± 0.005 (10)
Relative (mg/g)	1.27 ± 0.10 (10)	1.42 ± 0.15 (10)	1.56 ± 0.13 (10)	1.36 ± 0.13 (10)	1.22 ± 0.13 (10)	1.31 ± 0.12 (10)

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Females

Treatment Groups (mg/L)

	0	125	250	500	1000	2000
Terminal Body Wt.	31.7 ± 1.7 (10) *	33.8 ± 1.3 (10)	29.9 ± 1.1 (10)	31.7 ± 1.3 (10)	29.5 ± 1.1 (10)	29.1 ± 1.2 (10)
Heart						
Absolute (g)	0.14 ± 0.00 (10)	0.14 ± 0.00 (10)	0.13 ± 0.00 (10)	0.13 ± 0.01 (10)	0.14 ± 0.00 (10)	0.13 ± 0.01 (10)
Relative (mg/g)	4.39 ± 0.20 (10)	4.12 ± 0.13 (10)	4.35 ± 0.16 (10)	4.25 ± 0.22 (10)	4.66 ± 0.16 (10)	4.55 ± 0.23 (10)
R. Kidney						
Absolute (g)	0.15 ± 0.00 (10)	0.17 ± 0.00 (10)	0.16 ± 0.00 (10)	0.16 ± 0.00 (10)	0.16 ± 0.00 (10)	0.16 ± 0.00 (10)
Relative (mg/g)	4.88 ± 0.19 (10) **	4.91 ± 0.11 (10)	5.28 ± 0.11 (10)	5.22 ± 0.13 (10)	5.48 ± 0.16 (10) *	5.42 ± 0.19 (10) *
Liver						
Absolute (g)	1.06 ± 0.04 (10) *	1.20 ± 0.05 (10) *	1.07 ± 0.04 (10)	1.07 ± 0.04 (10)	1.04 ± 0.02 (10)	1.01 ± 0.03 (10)
Relative (mg/g)	33.77 ± 0.94 (10)	35.53 ± 1.11 (10)	36.03 ± 1.15 (10)	33.87 ± 0.71 (10)	35.46 ± 1.13 (10)	34.94 ± 1.23 (10)
Lung						
Absolute (g)	0.25 ± 0.02 (10)	0.24 ± 0.01 (10)	0.23 ± 0.01 (10)	0.26 ± 0.01 (10)	0.27 ± 0.02 (10)	0.26 ± 0.01 (10)
Relative (mg/g)	8.30 ± 0.81 (10) *	7.27 ± 0.41 (10)	7.84 ± 0.46 (10)	8.39 ± 0.66 (10)	9.11 ± 0.53 (10)	9.07 ± 0.44 (10)
Thymus						
Absolute (g)	0.047 ± 0.003 (10)	0.057 ± 0.003 (10)	0.056 ± 0.004 (10)	0.063 ± 0.004 (10) *	0.052 ± 0.003 (10)	0.052 ± 0.004 (10)
Relative (mg/g)	1.51 ± 0.11 (10)	1.70 ± 0.09 (10)	1.86 ± 0.10 (10)	2.00 ± 0.12 (10) **	1.78 ± 0.10 (10)	1.76 ± 0.11 (10)

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LEGEND

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

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 Williams or Dunnett (pairwise) tests unless otherwise noted.

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 \*\***