

**Experiment Number:** C03038-01

**Test Type:** TOX

**Route:** Dosing in Water

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

**PA06: Organ Weights Summary**

**Test Compound:** Sodium Tungstate Dihydrate

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

**Date Report Requested:** 05/30/2018

**Time Report Requested:** 13:52:15

**Lab:** NTP

**C Number:** C03038-01

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Both

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## F1 Males

## Treatment Groups (mg/L)

	0	125	250	500	1000	2000
Terminal Body Wt.	422.7 ± 5.2 (5) **	425.7 ± 3.9 (5)	419.7 ± 9.0 (5)	412.9 ± 10.2 (5)	379.3 ± 6.7 (5) **	300.6 ± 17.9 (4) **
Heart						
Absolute (g)	1.57 ± 0.04 (5) **	1.54 ± 0.02 (5)	1.51 ± 0.05 (5)	1.50 ± 0.04 (5)	1.37 ± 0.03 (5) *	1.17 ± 0.07 (4) **
Relative (mg/g)	3.72 ± 0.07 (5) *	3.61 ± 0.05 (5)	3.58 ± 0.07 (5)	3.63 ± 0.08 (5)	3.62 ± 0.08 (5)	3.90 ± 0.06 (4)
R. Kidney						
Absolute (g)	1.35 ± 0.04 (5) **	1.32 ± 0.03 (5)	1.25 ± 0.05 (5)	1.26 ± 0.04 (5)	1.22 ± 0.02 (5)	1.06 ± 0.06 (4) **
Relative (mg/g)	3.20 ± 0.08 (5) **	3.11 ± 0.06 (5)	2.99 ± 0.10 (5)	3.06 ± 0.03 (5)	3.21 ± 0.01 (5)	3.56 ± 0.09 (4) **
Liver						
Absolute (g)	16.03 ± 0.41 (5) **	16.22 ± 0.37 (5)	16.19 ± 0.79 (5)	15.06 ± 0.50 (5)	14.77 ± 0.30 (5)	11.07 ± 0.63 (4) **
Relative (mg/g)	37.92 ± 0.62 (5)	38.11 ± 0.64 (5)	38.53 ± 1.48 (5)	36.44 ± 0.51 (5)	38.97 ± 0.95 (5)	36.80 ± 0.40 (4)
Lung						
Absolute (g)	2.32 ± 0.13 (5) **	2.03 ± 0.03 (5)	2.09 ± 0.11 (5)	2.16 ± 0.06 (5)	1.92 ± 0.07 (5) *	1.61 ± 0.08 (4) **
Relative (mg/g)	5.49 ± 0.26 (5)	4.76 ± 0.06 (5) *	4.98 ± 0.24 (5)	5.26 ± 0.15 (5)	5.06 ± 0.16 (5)	5.36 ± 0.17 (4)
R. Testis						
Absolute (g)	1.990 ± 0.061 (5) *	2.099 ± 0.012 (5)	2.055 ± 0.092 (5)	1.870 ± 0.128 (5)	1.870 ± 0.032 (5)	1.815 ± 0.047 (4)
Relative (mg/g)	4.71 ± 0.12 (5) **	4.94 ± 0.04 (5)	4.89 ± 0.14 (5)	4.53 ± 0.30 (5)	4.94 ± 0.07 (5)	6.13 ± 0.28 (4) **
Thymus						
Absolute (g)	0.448 ± 0.035 (5) *	0.392 ± 0.028 (5)	0.399 ± 0.023 (5)	0.448 ± 0.021 (5)	0.402 ± 0.037 (5)	0.325 ± 0.029 (4) *
Relative (mg/g)	1.06 ± 0.09 (5)	0.92 ± 0.06 (5)	0.96 ± 0.07 (5)	1.08 ± 0.04 (5)	1.06 ± 0.10 (5)	1.08 ± 0.03 (4)

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F1 Females

Treatment Groups (mg/L)

	0	125	250	500	1000	2000
Terminal Body Wt.	259.5 ± 3.8 (5) **	268.6 ± 9.1 (5)	271.2 ± 7.0 (5)	257.9 ± 6.3 (5)	242.8 ± 0.8 (5)	213.1 ± 4.1 (4) **
Heart						
Absolute (g)	1.03 ± 0.03 (5) **	1.07 ± 0.04 (5)	1.03 ± 0.03 (5)	1.01 ± 0.03 (5)	0.97 ± 0.02 (5)	0.89 ± 0.03 (4) *
Relative (mg/g)	3.98 ± 0.07 (5) *	3.99 ± 0.07 (5)	3.80 ± 0.04 (5)	3.91 ± 0.07 (5)	4.00 ± 0.06 (5)	4.16 ± 0.07 (4)
R. Kidney						
Absolute (g)	0.84 ± 0.02 (5)	0.87 ± 0.03 (5)	0.84 ± 0.02 (5)	0.81 ± 0.02 (5)	0.84 ± 0.02 (5)	0.85 ± 0.03 (4)
Relative (mg/g)	3.25 ± 0.04 (5) **	3.25 ± 0.03 (5)	3.08 ± 0.05 (5)	3.13 ± 0.05 (5)	3.47 ± 0.07 (5)	3.98 ± 0.15 (4) **
Liver						
Absolute (g)	9.07 ± 0.33 (5) *	9.88 ± 0.44 (5)	10.00 ± 0.53 (5)	9.45 ± 0.40 (5)	9.41 ± 0.24 (5)	8.17 ± 0.23 (4)
Relative (mg/g)	34.94 ± 0.89 (5) **	36.73 ± 0.59 (5)	36.77 ± 1.04 (5)	36.60 ± 0.69 (5)	38.72 ± 1.02 (5) *	38.33 ± 0.73 (4) *
Lung						
Absolute (g)	1.74 ± 0.10 (5) **	1.71 ± 0.08 (5)	1.70 ± 0.10 (5)	1.56 ± 0.07 (5)	1.60 ± 0.05 (5)	1.38 ± 0.04 (4) *
Relative (mg/g)	6.71 ± 0.35 (5)	6.36 ± 0.25 (5)	6.24 ± 0.25 (5)	6.04 ± 0.18 (5)	6.58 ± 0.17 (5)	6.50 ± 0.18 (4)
Thymus						
Absolute (g)	0.359 ± 0.025 (5)	0.318 ± 0.028 (5)	0.315 ± 0.027 (5)	0.325 ± 0.017 (5)	0.320 ± 0.008 (5)	0.303 ± 0.019 (4)
Relative (mg/g)	1.38 ± 0.08 (5)	1.18 ± 0.10 (5)	1.16 ± 0.09 (5)	1.27 ± 0.09 (5)	1.32 ± 0.03 (5)	1.42 ± 0.06 (4)

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LEGEND

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Reported means and standard errors for the F1 animals are the means and standard errors of the litter means, and the reported N values are the number of litters used in the calculation.

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

Statistical analysis for F1 animals was performed using mixed models, with dam ID as a random effect for both trend and pairwise tests, with Dunnett-Hsu adjustment for multiple comparisons.

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 \*\***