C Number:	C03038-01
Study Gender:	Both
PWG Approval Date	See web page for date of PWG Approval

Study Number: C03038-01
Test Type: TOX
Route: Dosing in Water
Species/Strain: Rat/Harlan Sprague Dawley

R06: Andrology Summary
Test Compound: Sodium Tungstate Dihydrate
CAS Number: 10213-10-2

Date Report Requested: 05/06/2019
Time Report Requested: 15:09:55
Lab: NTP

Male

Generation	Litter ID	Terminal Sac	Cohort		Treatment Groups (mg/L)			
					0	500	1000	2000
F1		SD 91 - 91		No. Examined (Litters)	10 (5)	10 (5)	10 (5)	10 (4)
				Testis Weight (g)	2.017 ± 0.061	1.912 ± 0.126	1.907 ± 0.024	1.841 ± 0.052
				Testicular Spermatid Count (10^6)	309.8 ± 7.6	284.0 ± 38.3	321.4 ± 13.2	307.1 ± 12.6
				Testicular Spermatid Count per g Testis (10^6/g)	154.2 ± 2.7	143.3 ± 14.8	169.0 ± 6.4	166.6 ± 3.5
				Percent Motile Sperm	83.8 ± 0.6	75.1 ± 8.3	83.6 ± 0.2	83.8 ± 0.3
				Epididymis Weight (g)	0.593 ± 0.015 **	0.561 ± 0.025	0.572 ± 0.012	0.515 ± 0.019 *
				Cauda Epididymis Weight (g)	0.196 ± 0.006 *	0.180 ± 0.008	0.190 ± 0.002	0.168 ± 0.007 *
				Cauda Epididymis Sperm Count (millions)	155.5 ± 9.6	138.5 ± 10.0	150.5 ± 2.8	128.5 ± 7.7
				Sperm Count per mg Cauda Epididymis (10^3/mg)	797.8 ± 47.4	732.4 ± 62.9	790.0 ± 21.0	762.1 ± 43.2

LEGEND

Data are displayed as the means and standard errors of the litter means.

Statistical analysis of F1 organ weight endpoints performed using linear mixed models with the dam ID as the random effect for both trend and pairwise test, and using the Dunnett-Hsu adjustment for multiple comparisons. For non-normally distributed contiuous endpoints for F1 animals, a bootstrapped Jonckheere trend test was used, and pairwise comparisons were done using the Datta-Satten modified Wilcoxon test with Hommel 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 <= 0.05

** Statistically significant at P <= 0.01

** END OF REPORT **