

Experiment Number: **G03038F**

Test Type: **Genetic Toxicology - In Vivo Alkaline Comet Assay**

Route: **Oral Gavage**

Species/Strain: **Rat/HSD**

**G01: In Vivo Alkaline Comet Summary Data**

Test Compound: **Sodium Tungstate Dihydrate**

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

Date Report Requested: **04/06/2020**

Time Report Requested: **11:59:47**

**NTP Study Number:** G03038F

**Study Duration:** 13 week

**Male Study Result:** Positive

**Female Study Result:** Positive

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Sex: Male

Blood				Liver		
Dose (mg/L)	N	Percent Tail DNA	p-Value	N	Percent Tail DNA	p-Value
Vehicle Control <sup>1</sup>	5	1.318 ± 0.224		5	3.215 ± 0.116	
125	5	1.151 ± 0.148	0.6151	5	10.997 ± 1.437	0.0779
250	5	1.210 ± 0.135	0.7021	5	4.868 ± 0.701	1.0000
500	5	1.587 ± 0.108	0.3132	5	16.063 ± 1.428	0.0027 *
1000	5	1.494 ± 0.209	0.3228	5	14.735 ± 1.428	0.0101 *
2000	5	1.769 ± 0.390	0.1089	5	20.016 ± 2.079	< 0.001 *
Trend p-Value		0.0207 *			< 0.001 *	

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Sex: Female

Dose (mg/L)	N	Blood		N	Ileum	
		Percent Tail DNA	p-Value		Percent Tail DNA	p-Value
Vehicle Control <sup>1</sup>	5	1.478 ± 0.193		5	17.376 ± 4.290	
125	5	1.584 ± 0.173	0.6789	5	24.019 ± 2.572	0.4449
250	5	1.277 ± 0.356	0.7640	5	16.002 ± 1.731	0.5222
500	5	1.345 ± 0.130	0.7980	5	15.577 ± 3.148	0.5546
1000	5	1.100 ± 0.203	0.8141	4	17.065 ± 2.728	0.5880
2000	5	1.216 ± 0.179	0.8270	5	16.951 ± 2.687	0.5868
Trend p-Value		0.8923			0.7408	

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Sex: Female

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Liver

Dose (mg/L)	N	Percent Tail DNA	p-Value
Vehicle Control <sup>1</sup>	5	9.844 ± 0.606	
125	5	13.533 ± 1.633	0.4596
250	5	17.015 ± 2.574	0.0489
500	5	14.509 ± 1.073	0.1310
1000	5	14.320 ± 1.874	0.1960
2000	5	22.466 ± 1.911	< 0.001 *
Trend p-Value		< 0.001 *	

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#### LEGEND

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CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean  $\pm$  Standard Error Mean

Pairwise comparison with the control group; values are significant at  $P \leq 0.025$  by Williams or Dunn's test

Dose-related trend; significant at  $P \leq 0.025$  by linear regression or Jonckheere's test

\* Statistically significant pairwise or trend test

1: Vehicle Control: Water

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