

Experiment Number: **G03038B**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Water**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Sodium Tungstate Dihydrate**

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

Date Report Requested: **09/23/2018**

Time Report Requested: **11:17:33**

NTP Study Number:

G03038B

Study Duration:

13 Weeks

Study Methodology:

Flow Cytometry

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 61; Time interval between final treatment and cell sampling: 24 h

| Dose (mg/L) | N | MN PCE/1000 | | N | MN NCE/1000 | | % PCE | |
|------------------------------|---|---------------|---------|---|---------------|---------|---------------|----------|
| | | Mean ± SEM | p-Value | | Mean ± SEM | p-Value | Mean ± SEM | p-Value |
| Vehicle Control ¹ | 5 | 2.530 ± 0.223 | | 5 | 1.433 ± 0.051 | | 1.558 ± 0.040 | |
| 125.0 | 5 | 2.690 ± 0.114 | 0.2991 | 5 | 1.467 ± 0.038 | 1.0000 | 1.444 ± 0.060 | 1.0000 |
| 250.0 | 5 | 2.830 ± 0.188 | 0.3570 | 5 | 1.491 ± 0.044 | 1.0000 | 1.552 ± 0.077 | 1.0000 |
| 500.0 | 5 | 2.840 ± 0.299 | 0.3807 | 5 | 1.559 ± 0.040 | 0.1812 | 1.608 ± 0.039 | 0.9392 |
| 1000.0 | 5 | 2.380 ± 0.225 | 0.3947 | 5 | 1.504 ± 0.068 | 1.0000 | 1.547 ± 0.035 | 0.9553 |
| 2000.0 | 5 | 2.700 ± 0.117 | 0.3826 | 5 | 1.470 ± 0.007 | 1.0000 | 1.745 ± 0.031 | 0.0214 * |
| Trend p-Value | | 0.5804 | | | 0.2397 | | 0.0019 * | |

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 61; Time interval between final treatment and cell sampling: 24 h

| Dose (mg/L) | N | MN PCE/1000 | | N | MN NCE/1000 | | % PCE | |
|------------------------------|---|---------------|---------|---|---------------|---------|---------------|---------|
| | | Mean ± SEM | p-Value | | Mean ± SEM | p-Value | Mean ± SEM | p-Value |
| Vehicle Control ¹ | 5 | 1.810 ± 0.178 | | 5 | 0.909 ± 0.010 | | 1.302 ± 0.132 | |
| 125.0 | 5 | 2.103 ± 0.149 | 0.3392 | 5 | 0.952 ± 0.038 | 0.2931 | 1.938 ± 0.201 | 0.3106 |
| 250.0 | 5 | 1.940 ± 0.086 | 0.8748 | 5 | 0.992 ± 0.015 | 0.3499 | 1.568 ± 0.201 | 0.3728 |
| 500.0 | 5 | 1.730 ± 0.127 | 1.0000 | 5 | 0.890 ± 0.013 | 0.3728 | 1.613 ± 0.223 | 0.3995 |
| 1000.0 | 5 | 1.960 ± 0.272 | 1.0000 | 5 | 0.934 ± 0.039 | 0.3866 | 1.187 ± 0.083 | 0.4107 |
| 2000.0 | 5 | 1.930 ± 0.078 | 0.9219 | 5 | 0.874 ± 0.021 | 0.3979 | 1.509 ± 0.131 | 0.4181 |
| Trend p-Value | | 0.5217 | | | 0.9681 | | 0.5674 | |

Trial Summary: Negative

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LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

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 ****