

Experiment Number: A42046

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: 5,6-Dichloro-2-benzothiazolamine

CAS Number: 24072-75-1

Date Report Requested: 09/20/2018

Time Report Requested: 13:23:43

**NTP Study Number:**

A42046

**Study Duration:**

13 Weeks

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

**Female Study Result:**

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

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<b>MN NCE/1000</b>			
<b>Dose (mg/g)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	10	1.66 ± 0.14	
0.38	10	1.33 ± 0.10	0.9823
0.96	9	1.49 ± 0.15	0.8528
2.4	3	1.64 ± 0.10	0.5456
Trend p-Value		0.4670	

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Trial Summary: Negative

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**Tissue: Blood; Sex: Female; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h**

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**MN NCE/1000**

<b>Dose (mg/g)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	10	1.26 ± 0.08	
0.38	10	1.30 ± 0.13	0.3999
0.96	10	1.29 ± 0.15	0.4435
2.4	6	1.15 ± 0.13	0.7621
Trend p-Value		0.7870	

Trial Summary: Negative

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LEGEND

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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

Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean

Pairwise comparison to the concurrent control, dosed groups significant at  $p = 0.025/\text{number of treatment groups}$ ; positive control value is significant at  $p = 0.05$

Cochran-Armitage trend test, significant at  $p = 0.025$

\* Statistically significant pairwise or trend test

1: Vehicle Control: Feed

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