

Experiment Number: A08030  
Test Type: Genetic Toxicology - Micronucleus  
Route: Gavage  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Methylene bis(thiocyanate)  
CAS Number: 6317-18-6

Date Report Requested: 09/20/2018

Time Report Requested: 00:56:52

<b>NTP Study Number:</b>	A08030
<b>Study Duration:</b>	92 Days
<b>Study Methodology:</b>	Slide Scoring
<b>Male Study Result:</b>	Negative
<b>Female Study Result:</b>	Negative

Experiment Number: A08030  
Test Type: Genetic Toxicology - Micronucleus  
Route: Gavage  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**  
Test Compound: Methylene bis(thiocyanate)  
CAS Number: 6317-18-6

Date Report Requested: 09/20/2018  
Time Report Requested: 00:56:52

---

Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

---

<b>MN NCE/1000</b>			
<b>Dose (mg/kg)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	5	4.70 ± 0.58	
1.0	5	6.40 ± 0.80	0.0528
2.0	5	3.60 ± 0.78	0.8868
4.0	5	3.30 ± 0.97	0.9416
8.0	5	4.50 ± 0.35	0.5828
16.0	5	4.60 ± 0.98	0.5414
Trend p-Value		0.6560	

Trial Summary: Negative

---

Experiment Number: A08030  
Test Type: Genetic Toxicology - Micronucleus  
Route: Gavage  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**  
Test Compound: Methylene bis(thiocyanate)  
CAS Number: 6317-18-6

Date Report Requested: 09/20/2018  
Time Report Requested: 00:56:52

---

Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

---

<b>MN NCE/1000</b>			
<b>Dose (mg/kg)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	5	3.50 ± 0.69	
1.0	5	2.30 ± 0.75	0.8986
2.0	5	2.70 ± 0.12	0.7943
4.0	5	2.30 ± 0.60	0.8986
8.0	5	3.50 ± 0.76	0.5000
16.0	5	3.00 ± 0.79	0.6920
Trend p-Value		0.3470	

Trial Summary: Negative

---

Experiment Number: A08030  
Test Type: Genetic Toxicology - Micronucleus  
Route: Gavage  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**  
Test Compound: Methylene bis(thiocyanate)  
CAS Number: 6317-18-6

Date Report Requested: 09/20/2018  
Time Report Requested: 00:56:52

#### 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

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: Carboxymethylcellulose

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