

Experiment Number: 306321

Test Type: Genetic Toxicology - Micronucleus

Route: Intraperitoneal Injection

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Chlorodibromomethane

CAS Number: 124-48-1

Date Report Requested: 09/19/2018

Time Report Requested: 15:41:45

**NTP Study Number:**

306321

**Study Duration:**

72 Hours

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

Experiment Number: 306321  
Test Type: Genetic Toxicology - Micronucleus  
Route: Intraperitoneal Injection  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**  
Test Compound: Chlorodibromomethane  
CAS Number: 124-48-1

Date Report Requested: 09/19/2018  
Time Report Requested: 15:41:45

---

Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

---

<b>MN PCE/1000</b>			
<b>Dose (mg/kg)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	5	2.60 ± 0.58	
125.0	5	2.20 ± 0.25	0.7184
250.0	5	3.30 ± 0.94	0.1807
500.0	4	3.25 ± 0.48	0.2097
Trend p-Value		0.1180	
Positive Control <sup>2</sup>	5	18.10 ± 3.47	< 0.001 *

---

Trial Summary: Negative

---

Experiment Number: 306321

Test Type: Genetic Toxicology - Micronucleus

Route: Intraperitoneal Injection

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Chlorodibromomethane

CAS Number: 124-48-1

Date Report Requested: 09/19/2018

Time Report Requested: 15:41:45

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: Corn Oil

2: 25.0 mg/kg Dimethylbenzanthracene

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