

Experiment Number: 338141

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Polybrominated biphenyl mixture (Firemaster FF-1)**

CAS Number: **67774-32-7**

Date Report Requested: **09/19/2018**

Time Report Requested: **15:46:09**

NTP Study Number:

338141

Study Duration:

72 Hours

Study Methodology:

Slide Scoring

Male Study Result:

Negative

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

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	2.30 ± 0.49		63.40 ± 2.95
500.0	5	2.20 ± 0.72	0.5322	50.80 ± 2.89
1000.0	5	1.70 ± 0.12	0.6965	61.10 ± 5.92
2000.0	5	2.60 ± 1.62	0.4081	50.70 ± 9.18
Trend p-Value		0.4070		
Positive Control ²	5	8.60 ± 1.43	< 0.001 *	56.20 ± 2.84

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

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: 12.5 mg/kg Dimethylbenzanthracene

**** END OF REPORT ****