

Experiment Number: A34110

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Pentabromodiphenyl Ether Mixture [DE-71 (Technical Grade)]

CAS Number: 32534-81-9

Date Report Requested: 09/20/2018

Time Report Requested: 10:09:12

NTP Study Number:

A34110

Study Duration:

3 Days

Study Methodology:

Slide Scoring

Male Study Result:

Negative

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G04: In Vivo Micronucleus Summary Data

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Route: Gavage

CAS Number: 32534-81-9

Species/Strain: Mouse/B6C3F1

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	2.00 ± 0.42		68.00 ± 2.56
312.5	5	1.50 ± 0.32	0.8012	72.50 ± 1.92
625.0	5	1.90 ± 0.37	0.5637	71.60 ± 5.03
1250.0	5	2.10 ± 0.19	0.4379	66.80 ± 4.83
Trend p-Value		0.3270		
Positive Control ²	5	33.70 ± 4.14	< 0.001 *	31.60 ± 4.62

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: 50.0 mg/kg Cyclophosphamide

**** END OF REPORT ****