

Experiment Number: A84354

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Rat/Fischer 344

G04: In Vivo Micronucleus Summary Data

Test Compound: Pentachlorophenol, Dowicide EC-7

CAS Number: 87-86-5

Date Report Requested: 09/21/2018

Time Report Requested: 07:15:23

NTP Study Number:

A84354

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

		MN PCE/1000		% PCE	
Dose (mg/kg)	N	Mean ± SEM	p-Value	Mean ± SEM	
Vehicle Control ¹	5	0.80 ± 0.34		39.80 ± 3.26	
25.0	4	0.75 ± 0.32	0.5476	25.38 ± 4.68	
50.0	5	1.50 ± 0.35	0.0721	30.10 ± 4.65	
Trend p-Value		0.0620			
Positive Control ²	5	13.70 ± 3.85	< 0.001 *	11.80 ± 3.34	

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: 25.0 mg/kg Cyclophosphamide

**** END OF REPORT ****