

Experiment Number: 441206
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: 1,3-Dichloropropene (Telone II)
CAS Number: 542-75-6

Date Report Requested: 09/19/2018
Time Report Requested: 16:48:03

NTP Study Number: 441206
Study Duration: 72 Hours
Study Methodology: Slide Scoring
Male Study Result: Negative

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Tissue: Blood; 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	4.00 ± 1.20		3.24 ± 0.41
31.0	5	4.60 ± 1.75	0.3532	3.48 ± 0.84
62.5	5	3.40 ± 0.68	0.6576	2.14 ± 0.15
125.0	5	2.30 ± 0.20	0.8936	3.52 ± 0.48
Trend p-Value		0.9280		
Positive Control ²	5	6.90 ± 1.96	0.0027 *	1.80 ± 0.25

Trial Summary: Negative

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Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	2.20 ± 0.30		3.88 ± 0.24
31.0	5	2.70 ± 0.20	0.2373	4.06 ± 0.43
62.5	5	2.30 ± 0.34	0.4407	3.98 ± 0.44
125.0	5	2.60 ± 0.40	0.2816	4.00 ± 0.37
Trend p-Value		0.3540		
Positive Control ²	5	8.10 ± 0.53	< 0.001 *	1.80 ± 0.14

Trial Summary: 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	2.40 ± 0.48		62.90 ± 2.23	
31.0	5	1.50 ± 0.27	0.9254	60.00 ± 3.03	
62.5	5	1.50 ± 0.16	0.9254	64.00 ± 1.54	
125.0	5	3.10 ± 0.58	0.1723	55.80 ± 4.64	
Trend p-Value		0.0680			
Positive Control ²	5	6.20 ± 1.02	< 0.001 *	46.80 ± 3.24	

Trial Summary: 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	3.60 ± 0.91		55.70 ± 4.10	
31.0	5	3.90 ± 0.53	0.3643	62.30 ± 2.16	
62.5	5	2.70 ± 0.46	0.8720	62.30 ± 2.77	
125.0	5	2.80 ± 0.12	0.8417	57.50 ± 5.10	
Trend p-Value		0.9100			
Positive Control ²	5	9.70 ± 1.55	< 0.001 *	54.30 ± 2.78	

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 ****