

Experiment Number: 985532
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Iodinated glycerol
CAS Number: 5634-39-9

Date Report Requested: 09/19/2018

Time Report Requested: 22:00:48

NTP Study Number:	985532
Study Duration:	48 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 2; 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	3	2.33 ± 1.33		46.57 ± 4.74
100.0	3	1.00 ± 0.58	0.8388	36.60 ± 8.53
250.0	3	1.33 ± 0.33	0.7605	42.00 ± 3.03
500.0	3	1.00 ± 1.00	0.8388	48.57 ± 2.03
Trend p-Value		0.7930		

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	1.50 ± 0.35		44.06 ± 3.03
125.0	5	0.30 ± 0.20	0.9977	54.74 ± 1.35
250.0	5	1.10 ± 0.40	0.7838	55.90 ± 2.41
500.0	5	0.60 ± 0.29	0.9753	49.64 ± 2.69
Trend p-Value		0.9190		
Positive Control ²	5	37.70 ± 4.61	< 0.001 *	41.72 ± 3.62

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: Phosphate Buffered Saline

2: 1.0 mg/kg Mitomycin-C

**** END OF REPORT ****