

Experiment Number: 869362
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: C.I. Acid Red 14
CAS Number: 3567-69-9

Date Report Requested: 09/19/2018

Time Report Requested: 20:51:58

NTP Study Number:	869362
Study Duration:	96 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: 48 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	3.30 ± 0.58		5.40 ± 0.93
450.0	5	3.90 ± 0.51	0.2394	5.20 ± 0.64
900.0	4	3.00 ± 0.20	0.6391	8.50 ± 0.79
1800.0	4	3.38 ± 0.72	0.4654	5.38 ± 0.55
Trend p-Value		0.5780		

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

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	2.00 ± 0.27		50.60 ± 1.16
250.0	5	3.10 ± 0.58	0.0615	51.80 ± 4.21
500.0	5	5.30 ± 0.75	< 0.001 *	52.30 ± 2.96
1000.0	5	6.10 ± 0.37	< 0.001 *	60.40 ± 6.02
Trend p-Value		< 0.001 *		
Positive Control ²	5	8.50 ± 1.51	< 0.001 *	60.60 ± 1.38

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	1.60 ± 0.48		59.20 ± 2.31	
250.0	5	2.00 ± 0.42	0.2523	48.80 ± 2.62	
500.0	5	2.00 ± 0.32	0.2523	47.60 ± 4.50	
1000.0	4	2.13 ± 0.83	0.2066	57.25 ± 2.89	
Trend p-Value		0.2320			
Positive Control ²	5	6.70 ± 1.02	< 0.001 *	47.00 ± 4.95	

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: 0.2 mg/kg Mitomycin-C

**** END OF REPORT ****