

Experiment Number: A57951

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Rat/Fischer 344

**G04: In Vivo Micronucleus Summary Data**  
Test Compound: C.I. Basic Red 9 Monohydrochloride  
CAS Number: 569-61-9

Date Report Requested: 09/20/2018

Time Report Requested: 21:00:53

**NTP Study Number:**

A57951

**Study Duration:**

48 Hours

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

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Date Report Requested: 09/20/2018  
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Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; 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 <sup>1</sup>	5	1.10 ± 0.48		40.00 ± 1.26
78.13	5	1.60 ± 0.43	0.1678	42.10 ± 2.01
156.25	5	1.70 ± 0.46	0.1283	40.00 ± 2.94
312.5	5	1.80 ± 0.34	0.0967	40.00 ± 2.20
625.0	4	1.63 ± 0.31	0.1687	40.25 ± 3.28
Trend p-Value		0.2380		
Positive Control <sup>2</sup>	5	18.50 ± 1.77	< 0.001 *	40.70 ± 2.59

Trial Summary: Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; 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 <sup>1</sup>	5	1.00 ± 0.16		36.60 ± 0.60
78.13	5	0.90 ± 0.40	0.5908	39.20 ± 2.24
156.25	5	1.90 ± 0.56	0.0472	39.40 ± 3.48
312.5	5	1.90 ± 0.19	0.0472	34.10 ± 2.74
625.0	5	1.50 ± 0.61	0.1585	41.70 ± 2.59
Trend p-Value		0.1300		
Positive Control <sup>2</sup>	5	20.50 ± 1.81	< 0.001 *	33.90 ± 3.60

Trial Summary: Negative

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LEGEND

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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 \*\***