

Experiment Number: A23892
Test Type: Genetic Toxicology - Micronucleus
Route: Intraperitoneal Injection
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Ethoxyquin
CAS Number: 91-53-2

Date Report Requested: 09/20/2018

Time Report Requested: 06:11:57

NTP Study Number:	A23892
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

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	0.90 ± 0.29		34.70 ± 2.53
400.0	5	1.00 ± 0.45	0.4092	31.00 ± 2.72
600.0	5	0.60 ± 0.24	0.7808	30.70 ± 2.71
800.0	5	1.20 ± 0.25	0.2562	33.10 ± 3.50
1000.0	3	0.50 ± 0.29	0.8145	20.00 ± 1.26
Trend p-Value		0.6250		
Positive Control ²	5	3.90 ± 0.68	< 0.001 *	34.60 ± 1.48

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 ****