

Experiment Number: A71798

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/TGAC (FVB/N)
HOMOZYGOUS

G04: In Vivo Micronucleus Summary Data

Test Compound: Wyeth 14,643 (WY)

CAS Number: 50892-23-4

Date Report Requested: 09/21/2018

Time Report Requested: 02:03:26

NTP Study Number:

A71798

Study Duration:

26 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 130; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	10	2.80 ± 0.49		10	3.20 ± 0.55		3.65 ± 0.14
2.0				10	3.30 ± 0.45	0.4506	
10.0				10	3.90 ± 0.38	0.2026	
20.0	10	2.20 ± 0.33	0.8022	10	4.60 ± 0.62	0.0561	3.14 ± 0.17
Trend p-Value		0.8020			0.0340		

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 130; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	10	4.00 ± 0.70		10	2.00 ± 0.37		3.96 ± 0.19
2.0				10	3.10 ± 0.50	0.0615	
10.0				10	2.90 ± 0.55	0.0990	
20.0	10	2.70 ± 0.56	0.9442	10	3.20 ± 0.44	0.0478	7.55 ± 4.32
Trend p-Value		0.9440			0.1240		

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: Acetone

**** END OF REPORT ****