

Experiment Number: A23852

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Water

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Urethane + ethanol (combination)

CAS Number: URETHCOMB

Date Report Requested: 09/20/2018

Time Report Requested: 06:01:49

NTP Study Number:

A23852

Study Duration:

93 Days

Study Methodology:

Slide Scoring

Male Study Result:

Positive

Female Study Result:

Positive

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Date Report Requested: 09/20/2018
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Tissue: Blood; Sex: Male; Number of Treatments: 93; Time interval between final treatment and cell sampling: 0 h

MN NCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	3.30 ± 0.46	
110.0	5	5.40 ± 1.27	0.0387
330.0	5	7.10 ± 0.53	0.0017 *
1100.0	5	14.30 ± 1.72	< 0.001 *
3300.0	5	15.50 ± 1.75	< 0.001 *
Trend p-Value		< 0.001 *	

Trial Summary: Positive

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Tissue: Blood; Sex: Female; Number of Treatments: 93; Time interval between final treatment and cell sampling: 0 h

MN NCE/1000			
Dose (ppm)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	3.10 ± 0.29	
110.0	5	4.10 ± 0.53	0.1841
330.0	5	5.60 ± 0.48	0.0203
1100.0	5	10.80 ± 2.24	< 0.001 *
3300.0	5	18.00 ± 2.11	< 0.001 *
Trend p-Value		< 0.001 *	

Trial Summary: Positive

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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: Ethanol

**** END OF REPORT ****