

Experiment Number: A10307

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/Tg.AC

G04: In Vivo Micronucleus Summary Data

Test Compound: Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 09/20/2018

Time Report Requested: 01:56:48

NTP Study Number:

A10307

Study Duration:

26 Weeks

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

Experiment Number: A10307
Test Type: Genetic Toxicology - Micronucleus
Route: Dermal
Species/Strain: Mouse/Tg.AC

G04: In Vivo Micronucleus Summary Data
Test Compound: Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 09/20/2018
Time Report Requested: 01:56:48

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

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	14	2.82 ± 0.28	
0.75	15	3.23 ± 0.55	0.1837
1.5	12	3.17 ± 0.35	0.2358
3.0	14	2.11 ± 0.17	0.9559
6.0	13	1.88 ± 0.30	0.9874
12.0	11	2.36 ± 0.24	0.8399
Trend p-Value		0.9900	

Trial Summary: Negative

Experiment Number: A10307
Test Type: Genetic Toxicology - Micronucleus
Route: Dermal
Species/Strain: Mouse/Tg.AC

G04: In Vivo Micronucleus Summary Data
Test Compound: Trimethylolpropane triacrylate
CAS Number: 15625-89-5

Date Report Requested: 09/20/2018
Time Report Requested: 01:56:48

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

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	15	1.00 ± 0.18	
0.75	14	1.32 ± 0.18	0.1274
1.5	12	1.25 ± 0.22	0.1931
3.0	14	1.21 ± 0.21	0.2187
6.0	14	1.14 ± 0.16	0.2994
12.0	12	1.67 ± 0.28	0.0162
Trend p-Value		0.0410	

Trial Summary: Negative

Experiment Number: A10307

Test Type: Genetic Toxicology - Micronucleus

Route: Dermal

Species/Strain: Mouse/Tg.AC

G04: In Vivo Micronucleus Summary Data

Test Compound: Trimethylolpropane triacrylate

CAS Number: 15625-89-5

Date Report Requested: 09/20/2018

Time Report Requested: 01:56:48

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 ****