Experiment Number: **A03326**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dermal**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **1,2-Dihydro-2,2,4-trimethylquinoline (monomer)**
CAS Number: **147-47-7**

Date Report Requested: **09/19/2018**
Time Report Requested: **23:00:15**

NTP Study Number:	A03326
Study Duration:	90 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative (Nonstandard Protocol)

Experiment Number: **A03326**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dermal**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **1,2-Dihydro-2,2,4-trimethylquinoline (monomer)**

CAS Number: **147-47-7**

Date Report Requested: **09/19/2018**

Time Report Requested: **23:00:15**

Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.54 ± 0.14	
2.5	5	1.53 ± 0.25	0.5104
5.0	5	1.92 ± 0.17	0.0814
10.0	5	1.75 ± 0.21	0.2098
20.0	5	1.69 ± 0.25	0.2788
50.0	5	1.65 ± 0.25	0.3319
Trend p-Value		0.4000	

Trial Summary: Negative

Experiment Number: **A03326**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dermal**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **1,2-Dihydro-2,2,4-trimethylquinoline (monomer)**

CAS Number: **147-47-7**

Date Report Requested: **09/19/2018**

Time Report Requested: **23:00:15**

Tissue: Blood; Sex: Female; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.10 ± 0.11	
2.5	5	0.80 ± 0.10	0.9833
5.0	4	1.05 ± 0.19	0.6083
10.0	3	1.55 ± 0.14	0.0069
20.0	5	1.18 ± 0.15	0.2912
50.0	5	1.46 ± 0.15	0.0093
Trend p-Value		0.0010 *	

Trial Summary: Negative (Nonstandard Protocol)

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 ± 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/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: Solvent

** END OF REPORT **