Experiment Number: **A66598**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Feed**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **1,3-Diphenylguanidine**
CAS Number: **102-06-7**

Date Report Requested: **09/21/2018**
Time Report Requested: **00:25:52**

NTP Study Number:	A66598
Study Duration:	13 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Equivocal

Experiment Number: **A66598**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Feed**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **1,3-Diphenylguanidine**
CAS Number: **102-06-7**

Date Report Requested: **09/21/2018**
Time Report Requested: **00:25:52**

Tissue: Blood; Sex: Male; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	4	0.38 ± 0.13	
250.0	5	0.70 ± 0.20	0.1789
500.0	5	1.00 ± 0.27	0.0605
750.0	5	1.20 ± 0.12	0.0283
1500.0	5	0.70 ± 0.20	0.1789
3000.0	5	1.30 ± 0.12	0.0193
Trend p-Value		0.0580	

Trial Summary: Negative

Experiment Number: **A66598**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Feed**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **1,3-Diphenylguanidine**
CAS Number: **102-06-7**

Date Report Requested: **09/21/2018**
Time Report Requested: **00:25:52**

Tissue: Blood; Sex: Female; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	0.30 ± 0.12	
250.0	5	1.00 ± 0.16	0.0261
500.0	5	0.80 ± 0.20	0.0658
750.0	5	1.40 ± 0.19	0.0038 *
1500.0	5	1.20 ± 0.12	0.0100
3000.0	5	1.30 ± 0.20	0.0062
Trend p-Value		0.0370	

Trial Summary: Equivocal

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: Feed

** END OF REPORT **