Experiment Number: **A29310**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **N,N-Dimethyl-p-toluidine**
CAS Number: **99-97-8**

Date Report Requested: **09/20/2018**
Time Report Requested: **08:19:03**

NTP Study Number:	A29310
Study Duration:	90 Days
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A29310**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **N,N-Dimethyl-p-toluidine**
CAS Number: **99-97-8**

Date Report Requested: **09/20/2018**
Time Report Requested: **08:19:03**

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

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	2.00 ± 0.32	
15.0	5	2.10 ± 0.29	0.4379
30.0	5	2.40 ± 0.19	0.2730
60.0	5	2.80 ± 0.90	0.1238
125.0	5	3.00 ± 0.52	0.0784
Trend p-Value		0.0500	

Trial Summary: Negative

Experiment Number: **A29310**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **N,N-Dimethyl-p-toluidine**

CAS Number: **99-97-8**

Date Report Requested: **09/20/2018**

Time Report Requested: **08:19:03**

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

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	1.50 ± 0.16	
15.0	5	1.90 ± 0.40	0.2462
30.0	5	1.70 ± 0.12	0.3617
60.0	5	1.30 ± 0.41	0.6474
125.0	5	2.10 ± 0.40	0.1584
Trend p-Value		0.2380	

Trial Summary: Negative

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: Corn Oil

** END OF REPORT **