Experiment Number: **A05982**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **beta-Bromo-beta-nitrostyrene**
CAS Number: **7166-19-0**

Date Report Requested: **09/19/2018**
Time Report Requested: **23:52:11**

NTP Study Number:	A05982
Study Duration:	29 Days
Study Methodology:	Slide Scoring
Male Study Result:	Positive
Female Study Result:	Negative

Experiment Number: **A05982**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **beta-Bromo-beta-nitrostyrene**
CAS Number: **7166-19-0**

Date Report Requested: **09/19/2018**
Time Report Requested: **23:52:11**

Tissue: Blood; Sex: Male; Number of Treatments: 20; Time interval between final treatment and cell sampling: 0 h

		MN NCE/1000	
Dose (g/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	3.50 ± 0.57	
37.0	5	7.00 ± 0.67	< 0.001 *
75.0	5	4.90 ± 0.56	0.0629
150.0	5	6.20 ± 0.60	0.0030 *
300.0	5	4.60 ± 0.56	0.1103
Trend p-Value		0.5200	

Trial Summary: Positive

Experiment Number: **A05982**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **beta-Bromo-beta-nitrostyrene**

CAS Number: **7166-19-0**

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

Time Report Requested: **23:52:11**

Tissue: Blood; Sex: Female; Number of Treatments: 20; Time interval between final treatment and cell sampling: 0 h

		MN NCE/1000	
Dose (g/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	5	4.80 ± 0.51	
37.0	5	3.80 ± 0.64	0.8601
75.0	5	3.80 ± 0.60	0.8601
150.0	5	5.20 ± 0.72	0.3442
300.0	5	3.90 ± 0.70	0.8332
Trend p-Value		0.6040	

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 **