Experiment Number: **A43432**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Rat/Fischer 344**

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

Date Report Requested: **09/20/2018**
Time Report Requested: **13:52:02**

NTP Study Number:	A43432
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

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Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Rat/Fischer 344**

G04: In Vivo Micronucleus Summary Data
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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	1.80 ± 0.46		33.40 ± 7.10
10.0	5	2.50 ± 0.63	0.1426	33.10 ± 3.37
20.0	5	1.60 ± 0.60	0.6343	45.30 ± 5.62
40.0	4	1.63 ± 0.31	0.6108	34.88 ± 2.11
Trend p-Value		0.7590		
Positive Control[2]	3	4.00 ± 0.29	0.0042 *	15.83 ± 4.42

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
2: 25.0 mg/kg Cyclophosphamide

** END OF REPORT **