Experiment Number: **A89412**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **2-Butoxyethanol (ethylene glycol monobutyl ether)**
CAS Number: **111-76-2**

Date Report Requested: **09/21/2018**
Time Report Requested: **09:22:22**

NTP Study Number:	A89412
Study Duration:	72 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **A89412**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **2-Butoxyethanol (ethylene glycol monobutyl ether)**

CAS Number: **111-76-2**

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Time Report Requested: **09:22:22**

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	2.50 ± 0.22		48.10 ± 3.63
17.19	5	2.60 ± 0.89	0.4442	50.50 ± 2.07
34.38	5	2.30 ± 0.34	0.6137	52.80 ± 1.82
68.78	5	3.20 ± 0.89	0.1766	52.80 ± 2.43
137.5	5	3.80 ± 0.75	0.0505	54.10 ± 2.11
275.0	5	3.70 ± 0.37	0.0635	48.70 ± 2.89
550.0	5	2.80 ± 0.37	0.3399	54.30 ± 2.47
1100.0	2	5.00 ± 1.50	0.0091	55.25 ± 4.25
Trend p-Value		0.0150 *		
Positive Control[2]	5	12.90 ± 1.26	< 0.001 *	48.90 ± 1.80

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: Phosphate Buffered Saline
2: 10.0 mg/kg Cyclophosphamide

** END OF REPORT **