Experiment Number: **A55232**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Intraperitoneal Injection**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **17beta-Estradiol**
CAS Number: **50-28-2**

Date Report Requested: **09/20/2018**
Time Report Requested: **19:25:37**

NTP Study Number:	A55232
Study Duration:	30 Hours
Study Methodology:	Slide Scoring
Male Study Result:	Negative

Experiment Number: **A55232**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Intraperitoneal Injection**

Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data

Test Compound: **17beta-Estradiol**

CAS Number: **50-28-2**

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 1; Time interval between final treatment and cell sampling: 30 h

		MN PCE/1000		% PCE
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	5	1.60 ± 0.29		56.00 ± 3.22
0.1	5	1.10 ± 0.19	0.8322	60.20 ± 3.07
1.0	5	2.30 ± 0.20	0.1309	53.30 ± 5.25
10.0	5	1.90 ± 0.19	0.3059	63.00 ± 1.18
Trend p-Value		0.2580		
Positive Control[2]	5	13.70 ± 2.09	< 0.001 *	61.00 ± 1.75

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: Dimethyl Sulfoxide
2: 15.0 mg/kg Cyclophosphamide

** END OF REPORT **