

Experiment Number: A27713  
Test Type: Genetic Toxicology - Micronucleus  
Route: Intraperitoneal Injection  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Benzophenone  
CAS Number: 119-61-9

Date Report Requested: 09/20/2018

Time Report Requested: 07:39:51

<b>NTP Study Number:</b>	A27713
<b>Study Duration:</b>	72 Hours
<b>Study Methodology:</b>	Slide Scoring
<b>Male Study Result:</b>	Negative

Experiment Number: A27713  
Test Type: Genetic Toxicology - Micronucleus  
Route: Intraperitoneal Injection  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**  
Test Compound: Benzophenone  
CAS Number: 119-61-9

Date Report Requested: 09/20/2018  
Time Report Requested: 07:39:51

Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000		% PCE	
		Mean ± SEM	p-Value	Mean ± SEM	
Vehicle Control <sup>1</sup>	5	1.20 ± 0.41		38.20 ± 2.14	
200.0	5	1.50 ± 0.32	0.2817	47.90 ± 4.57	
300.0	5	1.50 ± 0.45	0.2817	39.80 ± 5.37	
400.0	5	2.20 ± 0.72	0.0430	48.70 ± 3.40	
500.0	5	1.70 ± 0.37	0.1764	42.00 ± 5.44	
Trend p-Value		0.0850			
Positive Control <sup>2</sup>	5	22.40 ± 1.85	< 0.001 *	36.00 ± 2.80	

Trial Summary: Negative

Experiment Number: A27713  
Test Type: Genetic Toxicology - Micronucleus  
Route: Intraperitoneal Injection  
Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: Benzophenone  
CAS Number: 119-61-9

Date Report Requested: 09/20/2018  
Time Report Requested: 07:39:51

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  $\pm$  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  $p = 0.025/\text{number of treatment groups}$ ; 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 \*\***