Experiment Number: **A63788**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Dosed-Feed**
Species/Strain: **Mouse/B6C3F1**

G04: In Vivo Micronucleus Summary Data
Test Compound: **5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)**
CAS Number: **2608-48-2**

Date Report Requested: **09/20/2018**
Time Report Requested: **22:57:24**

NTP Study Number:	A63788
Study Duration:	4 Weeks
Study Methodology:	Slide Scoring
Female Study Result:	Positive (Nonstandard Protocol)

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Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Feed**

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Test Compound: **5-(4-Nitrophenyl)-2,4-pentadien-1-al (NPPD)**

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Date Report Requested: **09/20/2018**

Time Report Requested: **22:57:24**

Tissue: Blood; Sex: Female; Number of Treatments: 28; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (%)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.33 ± 0.19	
0.03	10	1.84 ± 0.31	0.0291
0.1	10	1.34 ± 0.13	0.4806
0.3	10	1.69 ± 0.14	0.0798
1.0	10	2.23 ± 0.18	< 0.001 *
3.0	10	4.82 ± 0.34	< 0.001 *
Trend p-Value		< 0.001 *	

Trial Summary: Positive (Nonstandard Protocol)

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: Feed

** END OF REPORT **