

Experiment Number: G08002B
Test Type: Genetic Toxicology - Micronucleus
Route: Dosed-Feed
Species/Strain: Rat/Harlan Sprague Dawley

G04: In Vivo Micronucleus Summary Data
Test Compound: Bisphenol AF
CAS Number: 1478-61-1

Date Report Requested: 09/23/2018
Time Report Requested: 13:41:29

NTP Study Number:	G08002B
Study Duration:	17 Weeks
Study Methodology:	Flow Cytometry
Male Study Result:	Negative
Female Study Result:	Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 119; Time interval between final treatment and cell sampling: 0 h

		MN PCE/1000		MN NCE/1000		% PCE		
Dose (ppm)	N	Mean ± SEM	p-Value	N	Mean ± SEM	p-Value	Mean ± SEM	p-Value
Vehicle Control ¹	5	0.620 ± 0.183		5	0.093 ± 0.034		1.023 ± 0.094	
338.0	5	0.560 ± 0.099	0.7235	5	0.073 ± 0.018	0.7367	1.089 ± 0.067	0.5419
1125.0	5	0.510 ± 0.148	0.8059	5	0.063 ± 0.008	0.8176	1.104 ± 0.075	0.5718
3750.0	5	0.340 ± 0.068	0.8389	5	0.069 ± 0.012	0.8495	1.250 ± 0.109	0.1159
Trend p-Value		0.9423			0.7222		0.0833	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 119; Time interval between final treatment and cell sampling: 0 h

		MN PCE/1000					MN NCE/1000		% PCE	
Dose (ppm)	N	Mean ± SEM	p-Value	N	Mean ± SEM	p-Value	Mean ± SEM	p-Value		
Vehicle Control ¹	5	0.610 ± 0.087		5	0.061 ± 0.012		0.867 ± 0.048			
338.0	5	0.550 ± 0.052	0.8025	5	0.066 ± 0.008	0.5959	0.891 ± 0.070		1.0000	
1125.0	5	0.516 ± 0.100	0.8736	5	0.049 ± 0.006	0.6837	0.831 ± 0.079		1.0000	
3750.0	5	0.400 ± 0.042	0.8989	5	0.057 ± 0.008	0.7194	1.120 ± 0.112		0.0669	
Trend p-Value		0.9759			0.6829		0.0268			

Trial Summary: Negative

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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

Pairwise comparison with the control group; values are significant at $P \leq 0.025$ by Williams or Dunn's test

Dose-related trend; significant at $P \leq 0.025$ by linear regression or Jonckheere's test

* Statistically significant pairwise or trend test

1: Vehicle Control: Feed

**** END OF REPORT ****