Experiment Number: **A04384**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Feed**

Species/Strain: **Mouse/TGAC (FVB/N) HOMOZYGOUS**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Di(2-ethylhexyl) Phthalate**

CAS Number: **117-81-7**

Date Report Requested: **09/19/2018**

Time Report Requested: **23:27:54**

NTP Study Number:	A04384
Study Duration:	26 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Equivocal
Female Study Result:	Positive

Experiment Number: **A04384**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Feed**

Species/Strain: **Mouse/TGAC (FVB/N) HOMOZYGOUS**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Di(2-ethylhexyl) Phthalate**

CAS Number: **117-81-7**

Date Report Requested: **09/19/2018**

Time Report Requested: **23:27:54**

Tissue: Blood; Sex: Male; Number of Treatments: 182; Time interval between final treatment and cell sampling: 24 h

	MN PCE/1000			MN NCE/1000			% PCE
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	12	2.00 ± 0.39		12	2.83 ± 0.44		3.46 ± 0.16
1500.0				11	2.18 ± 0.40	0.7975	
3000.0				13	3.00 ± 0.58	0.4182	
6000.0	9	3.67 ± 0.76	0.0108	9	4.33 ± 1.17	0.0610	3.10 ± 0.14
Trend p-Value		0.0110 *			0.0260		

Trial Summary: Equivocal

Experiment Number: **A04384**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dosed-Feed**

Species/Strain: **Mouse/TGAC (FVB/N) HOMOZYGOUS**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Di(2-ethylhexyl) Phthalate**

CAS Number: **117-81-7**

Date Report Requested: **09/19/2018**

Time Report Requested: **23:27:54**

Tissue: Blood; Sex: Female; Number of Treatments: 182; Time interval between final treatment and cell sampling: 24 h

	MN PCE/1000			MN NCE/1000			% PCE
Dose (ppm)	**N**	**Mean ± SEM**	**p-Value**	**N**	**Mean ± SEM**	**p-Value**	**Mean ± SEM**
Vehicle Control[1]	10	2.50 ± 0.56		10	1.40 ± 0.27		3.47 ± 0.63
1500.0				13	2.31 ± 0.38	0.0592	
3000.0				6	1.50 ± 0.43	0.4358	
6000.0	11	1.27 ± 0.33	0.9804	11	3.27 ± 0.51	0.0027 *	3.18 ± 0.18
Trend p-Value		0.9800			0.0040 *		

Trial Summary: Positive

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 **