Experiment Number: **A99151**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dermal**

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

G04: In Vivo Micronucleus Summary Data

Test Compound: **Ethinyl estradiol**

CAS Number: **57-63-6**

Date Report Requested: **09/21/2018**

Time Report Requested: **14:22:17**

NTP Study Number:	A99151
Study Duration:	26 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A99151**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dermal**

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

G04: In Vivo Micronucleus Summary Data

Test Compound: **Ethinyl estradiol**

CAS Number: **57-63-6**

Date Report Requested: **09/21/2018**

Time Report Requested: **14:22:17**

Tissue: Blood; Sex: Male; Number of Treatments: 52; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	10	1.30 ± 0.30	
0.033	9	0.83 ± 0.22	0.9168
0.265	11	1.14 ± 0.28	0.6847
0.53	1	0.00 ± 0.00	< 0.001 *
Trend p-Value		0.4780	

Trial Summary: Negative

Experiment Number: **A99151**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Dermal**

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

G04: In Vivo Micronucleus Summary Data

Test Compound: **Ethinyl estradiol**

CAS Number: **57-63-6**

Date Report Requested: **09/21/2018**

Time Report Requested: **14:22:17**

Tissue: Blood; Sex: Female; Number of Treatments: 52; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	12	1.04 ± 0.18	
0.033	12	0.92 ± 0.21	0.6692
0.265	10	1.35 ± 0.24	0.1743
0.53	11	1.27 ± 0.24	0.2328
Trend p-Value		0.1140	

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: Ethanol

** END OF REPORT **