Experiment Number: **A39469**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/FVB/N**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Ethinyl estradiol**
CAS Number: **57-63-6**

Date Report Requested: **09/20/2018**
Time Report Requested: **12:21:52**

NTP Study Number:	A39469
Study Duration:	26 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A39469**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/FVB/N**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Ethinyl estradiol**

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

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

Time Report Requested: **12:21:52**

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]	12	1.21 ± 0.32	
0.53	14	1.14 ± 0.16	0.5861
Trend p-Value		0.5860	

Trial Summary: Negative

Experiment Number: **A39469**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/FVB/N**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Ethinyl estradiol**
CAS Number: **57-63-6**

Date Report Requested: **09/20/2018**
Time Report Requested: **12:21:52**

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]	11	1.41 ± 0.24	
0.53	12	1.50 ± 0.20	0.3992
Trend p-Value		0.3990	

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: Carboxymethylcellulose

** END OF REPORT **