Experiment Number: **A58625**
Test Type: **Genetic Toxicology - Micronucleus**
Route: **Gavage**
Species/Strain: **Mouse/P16(INK4A)/(+/-) (C57BL/6)**

G04: In Vivo Micronucleus Summary Data
Test Compound: **Glycidol**
CAS Number: **556-52-5**

Date Report Requested: **09/20/2018**
Time Report Requested: **21:15:56**

NTP Study Number:	A58625
Study Duration:	19 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Negative
Female Study Result:	Negative

Experiment Number: **A58625**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/P16(INK4A)/(+/-) (C57BL/6)**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Glycidol**

CAS Number: **556-52-5**

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

Time Report Requested: **21:15:56**

Tissue: Blood; Sex: Male; Number of Treatments: 97; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	15	1.33 ± 0.24	
25.0	15	1.27 ± 0.34	0.5672
50.0	15	1.87 ± 0.35	0.1111
100.0	15	1.57 ± 0.28	0.2874
200.0	15	2.50 ± 0.34	0.0073
Trend p-Value		0.0020 *	

Trial Summary: Negative

Experiment Number: **A58625**

Test Type: **Genetic Toxicology - Micronucleus**

Route: **Gavage**

Species/Strain: **Mouse/P16(INK4A)/(+/-) (C57BL/6)**

G04: In Vivo Micronucleus Summary Data

Test Compound: **Glycidol**

CAS Number: **556-52-5**

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

Time Report Requested: **21:15:56**

Tissue: Blood; Sex: Female; Number of Treatments: 97; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	14	0.64 ± 0.13	
25.0	15	1.27 ± 0.32	0.0372
50.0	15	1.13 ± 0.34	0.0727
100.0	15	1.37 ± 0.22	0.0218
200.0	14	1.46 ± 0.30	0.0135
Trend p-Value		0.0400	

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: Water

** END OF REPORT **