Experiment Number: **A92101**
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: **09/21/2018**
Time Report Requested: **10:55:14**

NTP Study Number:	A92101
Study Duration:	39 Weeks
Study Methodology:	Slide Scoring
Male Study Result:	Positive
Female Study Result:	Positive

Experiment Number: **A92101**

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: **09/21/2018**

Time Report Requested: **10:55:14**

Tissue: Blood; Sex: Male; Number of Treatments: 195; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	13	1.81 ± 0.41	
25.0	14	1.71 ± 0.21	0.6021
50.0	13	2.31 ± 0.30	0.1042
100.0	14	2.61 ± 0.24	0.0243
200.0	7	3.64 ± 0.61	< 0.001 *
Trend p-Value		< 0.001 *	

Trial Summary: Positive

Experiment Number: **A92101**

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: **09/21/2018**

Time Report Requested: **10:55:14**

Tissue: Blood; Sex: Female; Number of Treatments: 195; Time interval between final treatment and cell sampling: 24 h

		MN NCE/1000	
Dose (mg/kg)	**N**	**Mean ± SEM**	**p-Value**
Vehicle Control[1]	13	1.31 ± 0.14	
25.0	14	1.89 ± 0.24	0.0451
50.0	12	1.88 ± 0.39	0.0553
100.0	14	2.32 ± 0.26	0.0030 *
200.0	9	2.83 ± 0.40	< 0.001 *
Trend p-Value		< 0.001 *	

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: Water

** END OF REPORT **