NTP Study Number:	917402
Study Result:	Positive

Experiment Number: **917402**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Methyl glycidyl ether**

CAS Number: **930-37-0**

Date Report Requested: **09/17/2018**

Time Report Requested: **02:46:43**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	124 ± 8.1	126 ± 13.5	131 ± 9.8	151 ± 6.7	138 ± 2.3
10.0	124 ± 11.1	146 ± 7.1	152 ± 14.7	177 ± 11.0	190 ± 5.2
33.0	140 ± 1.3	169 ± 6.8	166 ± 11.5	195 ± 9.0	196 ± 5.0
100.0	167 ± 3.8	224 ± 10.2	224 ± 1.2	275 ± 26.8	247 ± 1.8
333.0	328 ± 11.5	389 ± 5.0	372 ± 27.2	535 ± 3.8	435 ± 24.8
1000.0	626 ± 18.6	735 ± 13.5	697 ± 8.4	902 ± 31.7	791 ± 8.8
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control[2]					984 ± 4.1
Positive Control[3]	383 ± 9.3	623 ± 17.2			
Positive Control[4]			724 ± 29.9	841 ± 14.4	

Experiment Number: **917402**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Methyl glycidyl ether**

CAS Number: **930-37-0**

Date Report Requested: **09/17/2018**

Time Report Requested: **02:46:43**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	140 ± 9.8
10.0	188 ± 17.6
33.0	210 ± 7.5
100.0	290 ± 18.0
333.0	506 ± 21.5
1000.0	901 ± 84.6
Trial Summary	Positive
Positive Control[2]	1357 ± 34.3
Positive Control[3]	
Positive Control[4]	

Experiment Number: **917402**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Methyl glycidyl ether**

CAS Number: **930-37-0**

Date Report Requested: **09/17/2018**

Time Report Requested: **02:46:43**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	30 ± 1.2	25 ± 2.9	13 ± 0.3	16 ± 2.5	10 ± 1.5
10.0	30 ± 3.5	26 ± 3.5	20 ± 3.3	17 ± 4.5	22 ± 1.5
33.0	40 ± 2.0	33 ± 3.5	40 ± 1.8	35 ± 2.5	41 ± 1.2
100.0	80 ± 10.0	55 ± 5.8	78 ± 4.2	79 ± 4.8	68 ± 4.9
333.0	204 ± 8.4	140 ± 7.0	215 ± 3.3	191 ± 5.5	153 ± 10.2
1000.0	429 ± 12.9	296 ± 26.3	450 ± 41.1	436 ± 9.0	419 ± 20.9
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control[4]					289 ± 3.8
Positive Control[3]	396 ± 11.5	630 ± 32.0			
Positive Control[5]			230 ± 15.9	274 ± 0.9	

Experiment Number: **917402**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Methyl glycidyl ether**

CAS Number: **930-37-0**

Date Report Requested: **09/17/2018**

Time Report Requested: **02:46:43**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	13 ± 1.8
10.0	22 ± 3.2
33.0	35 ± 4.2
100.0	68 ± 5.4
333.0	187 ± 1.8
1000.0	429 ± 12.4
Trial Summary	Positive
Positive Control[4]	343 ± 42.9
Positive Control[3]	
Positive Control[5]	

Experiment Number: **917402**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Methyl glycidyl ether**

CAS Number: **930-37-0**

Date Report Requested: **09/17/2018**

Time Report Requested: **02:46:43**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	147 ± 14.6	185 ± 11.2	176 ± 8.4	218 ± 6.2	192 ± 6.7
10.0	172 ± 8.4	172 ± 12.6	202 ± 5.8	229 ± 12.7	184 ± 9.8
33.0	184 ± 8.1	190 ± 6.8	241 ± 10.1	239 ± 14.7	189 ± 6.6
100.0	195 ± 7.5	221 ± 6.8	258 ± 15.8	272 ± 5.2	205 ± 14.0
333.0	243 ± 12.8	268 ± 3.3	310 ± 13.3	404 ± 12.7	260 ± 7.8
1000.0	393 ± 7.7	415 ± 6.5	513 ± 46.5	575 ± 35.8	368 ± 21.6
Trial Summary	Positive	Positive	Positive	Positive	Weakly Positive
Positive Control[2]					694 ± 73.6
Positive Control[4]			449 ± 9.2	600 ± 23.8	
Positive Control[6]	672 ± 9.3	932 ± 81.9			

Strain: TA97

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	178 ± 3.4
10.0	209 ± 16.9
33.0	254 ± 1.5
100.0	251 ± 4.1
333.0	325 ± 36.4
1000.0	567 ± 29.2
Trial Summary	Positive
Positive Control[2]	725 ± 2.6
Positive Control[4]	
Positive Control[6]	

Experiment Number: **917402**

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**

G06: Ames Summary Data

Test Compound: **Methyl glycidyl ether**

CAS Number: **930-37-0**

Date Report Requested: **09/17/2018**

Time Report Requested: **02:46:43**

Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	35 ± 2.7	46 ± 2.9	38 ± 2.1
10.0	28 ± 0.3	41 ± 1.8	37 ± 3.2
33.0	24 ± 1.8	41 ± 5.8	50 ± 1.7
100.0	32 ± 8.3	52 ± 13.6	44 ± 6.2
333.0	34 ± 5.2	50 ± 3.2	40 ± 1.5
1000.0	35 ± 1.8	47 ± 2.7	47 ± 2.1
Trial Summary	Negative	Negative	Negative
Positive Control[2]			779 ± 49.3
Positive Control[4]		464 ± 16.8	
Positive Control[7]	837 ± 31.2		

LEGEND

Values given as Mean or Mean ± Standard Error Mean
The number of samples = 3, unless samples marked toxic or contaminated were excluded from mean and SEM calculations
CAS Number = Chemical Abstracts Service registry number
1: Vehicle Control: Water
2: 0.5 ug/Plate 2-Aminoanthracene
3: 1.0 ug/Plate Sodium Azide
4: 1.0 ug/Plate 2-Aminoanthracene
5: 2.5 ug/Plate 2-Aminoanthracene
6: 50.0 ug/Plate 9-Aminoacridine
7: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

** END OF REPORT **