

Experiment Number: A49267

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Glycidamide

CAS Number: 5694-00-8

Date Report Requested: 09/17/2018

Time Report Requested: 03:36:37

NTP Study Number:

A49267

Study Result:

Positive

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	148 ± 21.1	154 ± 13.0	149 ± 5.7	176 ± 3.3
100.0	192 ± 17.4	232 ± 8.4	184 ± 21.9	238 ± 5.2
333.0	307 ± 6.4	512 ± 39.7	373 ± 7.1	400 ± 41.3
1000.0	613 ± 26.1	589 ± 128.9	621 ± 92.1	1024 ± 15.4
3333.0	1022 ± 15.4	1267 ± 17.6	1055 ± 22.0	1193 ± 80.3
10000.0	1210 ± 42.1	1591 ± 23.9	1534 ± 54.9	1730 ± 127.0
Trial Summary	Positive	Positive	Positive	Positive
Positive Control ²	538 ± 8.5	532 ± 37.7		
Positive Control ³			1027 ± 33.9	693 ± 13.4

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Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9
Vehicle Control ¹	16 ± 2.0	30 ± 2.0
100.0	22 ± 0.6	36 ± 2.6
333.0	18 ± 2.3	27 ± 0.3
1000.0	21 ± 3.0	33 ± 0.9
3333.0	26 ± 1.3	37 ± 2.0
10000.0	27 ± 1.2	34 ± 7.1
Trial Summary	Equivocal	Negative
Positive Control ⁴		581 ± 5.5
Positive Control ⁵	76 ± 25.4	

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LEGEND

Values given as Mean or Mean \pm 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 Sodium Azide

3: 0.75 ug/Plate 2-Aminoanthracene

4: 0.4 ug/Plate 2-Aminoanthracene

5: 1.0 ug/Plate Other Positive Control

** END OF REPORT **