

Experiment Number: **A22189**

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

G06: Ames Summary Data

Test Compound: **Malonamide**

CAS Number: **108-13-4**

Date Report Requested: **09/16/2018**

Time Report Requested: **10:28:07**

NTP Study Number:

A22189

Study Result:

Negative

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	78 ± 1.8	73 ± 2.4	77 ± 5.8	63 ± 4.4
1000.0	81 ± 8.8	66 ± 3.5	73 ± 7.0	53 ± 4.7
2500.0	67 ± 9.5	74 ± 5.2	71 ± 6.7	58 ± 4.5
5000.0	76 ± 4.3	72 ± 7.8	49 ± 6.8	54 ± 5.8
7500.0	77 ± 4.3	79 ± 1.2	85 ± 1.5	56 ± 4.1
10000.0	73 ± 9.9	62 ± 2.7	85 ± 1.0	59 ± 2.4
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	342 ± 40.2	327 ± 22.0		
Positive Control ³			736 ± 39.4	752 ± 46.9

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	22 ± 1.9	28 ± 1.2	24 ± 3.3	35 ± 3.8
1000.0	33 ± 0.9	26 ± 2.6	23 ± 1.3	37 ± 1.2
2500.0	28 ± 1.8	23 ± 3.1	20 ± 0.0	35 ± 2.4
5000.0	37 ± 1.0	18 ± 4.2	22 ± 2.1	37 ± 1.2
7500.0	31 ± 1.8	27 ± 2.0	21 ± 3.9	40 ± 1.3
10000.0	24 ± 1.5	23 ± 1.8	15 ± 1.2	30 ± 5.1
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁴	582 ± 7.3			
Positive Control ³			462 ± 25.8	498 ± 38.6
Positive Control ⁵		393 ± 30.1		

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Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	139 ± 8.1	177 ± 6.6	228 ± 12.7	184 ± 19.9
1000.0	142 ± 14.4	143 ± 4.7	192 ± 3.1	154 ± 0.7
2500.0	156 ± 6.4	167 ± 9.9	210 ± 10.0	154 ± 11.7
5000.0	162 ± 10.7	158 ± 5.1	184 ± 15.0	157 ± 9.5
7500.0	166 ± 8.7	164 ± 7.4	180 ± 7.2	163 ± 6.2
10000.0	163 ± 11.5	184 ± 2.6	159 ± 1.7	163 ± 2.3
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁶			915 ± 10.7	1103 ± 37.0
Positive Control ⁷	1400 ± 6.1	1124 ± 16.2		

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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: 1.0 ug/Plate Sodium Azide
- 3: 2.5 ug/Plate 2-Aminoanthracene
- 4: 1.0 ug/Plate 2-Nitrofluorene
- 5: 5.0 ug/Plate 2-Nitrofluorene
- 6: 20.0 ug/Plate 2-Aminoanthracene
- 7: 4000.0 ug/Plate Methyl Methane Sulfonate

** END OF REPORT **