

Experiment Number: A36379

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

G06: Ames Summary Data

Test Compound: **Dibromoacetic acid**

CAS Number: **631-64-1**

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

Time Report Requested: **18:38:14**

NTP Study Number:

A36379

Study Result:

Positive

Experiment Number: A36379

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	148 ± 5.0	108 ± 5.9	165 ± 2.8	149 ± 7.0	144 ± 9.5
33.0	140 ± 8.8	126 ± 3.4		164 ± 9.1	
100.0	167 ± 4.9	154 ± 7.4	253 ± 9.5	289 ± 10.5	212 ± 6.1
333.0	261 ± 11.5	196 ± 4.5	356 ± 6.6	351 ± 19.3	339 ± 14.5
1000.0	469 ± 14.5	360 ± 21.4	445 ± 20.9	434 ± 26.6	459 ± 16.4
3333.0	981 ± 20.3	770 ± 23.3	930 ± 28.1	802 ± 24.1	1041 ± 63.5
10000.0			1294 ± 29.4		1361 ± 37.3
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control ²					1250 ± 62.8
Positive Control ³	1187 ± 15.9	1352 ± 27.4			
Positive Control ⁴			838 ± 37.4	673 ± 38.4	

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	125 ± 6.8
33.0	141 ± 9.8
100.0	180 ± 4.2
333.0	334 ± 27.1
1000.0	388 ± 15.3
3333.0	754 ± 17.7
10000.0	
Trial Summary	Positive
Positive Control ²	763 ± 25.2
Positive Control ³	
Positive Control ⁴	

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	22 ± 1.8	20 ± 2.1	23 ± 3.2
33.0	22 ± 1.7		
100.0	18 ± 1.8	22 ± 3.2	18 ± 2.0
333.0	22 ± 3.3	16 ± 2.9	22 ± 3.8
1000.0	19 ± 3.5	25 ± 0.6	19 ± 1.2
3333.0	23 ± 4.5	18 ± 2.1	21 ± 1.7
10000.0		17 ± 1.2	23 ± 1.5
Trial Summary	Negative	Negative	Negative
Positive Control ²			904 ± 33.8
Positive Control ⁵	422 ± 9.0		
Positive Control ⁴		513 ± 31.9	

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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: 2.0 ug/Plate 2-Aminoanthracene

3: 5.0 ug/Plate Sodium Azide

4: 5.0 ug/Plate 2-Aminoanthracene

5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****