

Experiment Number: A55725

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

G06: Ames Summary Data

Test Compound: **Bromoacetic acid**

CAS Number: **79-08-3**

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

Time Report Requested: **08:22:21**

NTP Study Number:

A55725

Study Result:

Positive

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Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**Test Compound: Bromoacetic acid
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Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	138 ± 7.2	147 ± 5.5	118 ± 4.6	132 ± 11.7	130 ± 2.5
3.0	140 ± 8.6	148 ± 4.1		162 ± 3.7	
10.0	144 ± 3.6	157 ± 9.1		173 ± 4.7	
33.0	133 ± 1.9	187 ± 6.1	125 ± 1.9	194 ± 2.4	128 ± 2.4
66.0			155 ± 4.7		173 ± 2.9
100.0	141 ± 7.2	185 ± 3.7	177 ± 4.1	193 ± 7.5	191 ± 3.4
166.0			207 ± 5.5		209 ± 5.5
333.0	97 ± 2.4	275 ± 8.4	272 ± 7.5	299 ± 19.1	254 ± 20.6
Trial Summary	Negative	Weakly Positive	Positive	Positive	Weakly Positive
Positive Control ²				1022 ± 22.5	763 ± 25.2
Positive Control ³		629 ± 50.7	673 ± 38.4		
Positive Control ⁴	951 ± 25.6				

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	18 ± 1.5	23 ± 2.1	25 ± 1.8
3.0	18 ± 0.9	21 ± 2.2	21 ± 2.8
10.0	15 ± 0.3	20 ± 2.6	23 ± 1.3
33.0	23 ± 2.6	21 ± 2.5	22 ± 2.6
100.0	16 ± 1.2	19 ± 3.2	18 ± 1.8
333.0	9 ± 1.5	15 ± 2.6	17 ± 2.0
Trial Summary	Negative	Negative	Negative
Positive Control ²			841 ± 75.9
Positive Control ⁵	319 ± 7.7		
Positive Control ³		511 ± 34.1	

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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 2-Aminoanthracene

4: 5.0 ug/Plate Sodium Azide

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

**** END OF REPORT ****