

Experiment Number: **G00017**

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

G06: Ames Summary Data

Test Compound: **1-Bromopropane**

CAS Number: **106-94-5**

Date Report Requested: **09/15/2018**

Time Report Requested: **17:49:09**

NTP Study Number:

G00017

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	84 ± 4.4	80 ± 3.4	67 ± 0.5	90 ± 2.6
12.5	84 ± 13.0	78 ± 6.9	88 ± 3.8	89 ± 1.8
50.0	75 ± 3.8	80 ± 8.4	91 ± 2.9	106 ± 1.8
125.0	76 ± 2.3	76 ± 2.1	85 ± 10.0	96 ± 4.4
500.0	81 ± 4.3	67 ± 5.8	94 ± 8.1	92 ± 7.0
1500.0	78 ± 12.4	76 ± 3.7	72 ± 4.8	98 ± 1.9
6000.0	51 ± 2.1	60 ± 4.7	72 ± 5.0	92 ± 4.4
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	750 ± 32.2	779 ± 39.7		
Positive Control ³			1820 ± 179.1	1690 ± 147.9

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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 ± 2.0	15 ± 4.0	27 ± 4.8	30 ± 3.9
12.5	17 ± 3.2	24 ± 1.5	26 ± 2.3	26 ± 1.5
50.0	25 ± 1.9	21 ± 2.6	32 ± 3.5	29 ± 1.2
125.0	18 ± 1.7	22 ± 3.1	31 ± 2.6	26 ± 1.2
500.0	12 ± 0.0	19 ± 2.4	19 ± 1.5	23 ± 3.2
1500.0	19 ± 4.4	21 ± 3.5	29 ± 4.0	29 ± 1.3
6000.0	20 ± 2.1	17 ± 3.0	26 ± 3.7	28 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁴			863 ± 79.2	1239 ± 92.4
Positive Control ⁵	656 ± 2.1	530 ± 16.4		

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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	145 ± 4.2	150 ± 8.1	170 ± 1.0	172 ± 5.4
12.5	151 ± 2.1	133 ± 3.5	186 ± 5.9	172 ± 2.3
50.0	134 ± 8.6	136 ± 3.8	179 ± 8.0	172 ± 8.5
125.0	135 ± 9.5	139 ± 3.4	184 ± 11.3	184 ± 11.6
500.0	141 ± 9.7	132 ± 0.9	188 ± 12.7	178 ± 6.0
1500.0	138 ± 5.0	136 ± 4.4	186 ± 8.8	179 ± 8.1
6000.0	104 ± 4.3	114 ± 4.2	140 ± 10.4	124 ± 2.3
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁶			1125 ± 48.1	940 ± 15.4
Positive Control ⁷	1334 ± 247.4	1215 ± 56.4		

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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: Dimethyl Sulfoxide

2: 1.0 ug/Plate Sodium Azide

3: 2.5 ug/Plate 2-Aminoanthracene

4: 2.0 ug/Plate 2-Aminoanthracene

5: 3.0 ug/Plate 2-Nitrofluorene

6: 20.0 ug/Plate 2-Aminoanthracene

7: 100.0 ug/Plate Methyl Methane Sulfonate

**** END OF REPORT ****