

Experiment Number: 813885

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 3-Bromo-1-propanol

CAS Number: 627-18-9

Date Report Requested: 09/15/2018

Time Report Requested: 14:03:53

NTP Study Number:

813885

Study Result:

Positive

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Test Compound: 3-Bromo-1-propanol

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	82 ± 5.2	100 ± 5.8	149 ± 15.0	117 ± 5.6	129 ± 1.2
33.0	115 ± 11.3	101 ± 7.5	131 ± 12.2	129 ± 2.2	164 ± 3.2
100.0	122 ± 11.2	103 ± 8.3	133 ± 11.3	130 ± 7.1	199 ± 12.1
333.0	133 ± 11.5	150 ± 9.1	185 ± 9.7	189 ± 8.1	294 ± 6.4
1000.0	216 ± 5.6	305 ± 12.2	344 ± 16.9	387 ± 20.2	424 ± 2.5
3333.0	331 ± 34.5	829 ± 19.8	529 ± 18.8	995 ± 40.3	490 ± 25.5
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control ²			595 ± 37.7	601 ± 19.4	1258 ± 67.3
Positive Control ³	400 ± 3.2	274 ± 5.2			

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	127 ± 8.0
33.0	210 ± 15.2
100.0	299 ± 9.0
333.0	405 ± 1.8
1000.0	638 ± 12.3
3333.0	1097 ± 43.9
Trial Summary	Positive
Positive Control ²	1326 ± 37.9
Positive Control ³	

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Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	11 ± 1.5	15 ± 1.9	8 ± 3.7	7 ± 1.2	7 ± 2.0
33.0	7 ± 1.0	21 ± 5.9	12 ± 1.8	21 ± 3.5	31 ± 9.0
100.0	11 ± 2.3	31 ± 2.7	17 ± 1.9	34 ± 3.3	85 ± 14.4
333.0	39 ± 2.8	49 ± 1.5	50 ± 3.7	75 ± 8.7	167 ± 10.5
1000.0	123 ± 13.4	200 ± 1.5	183 ± 16.6	249 ± 3.5	327 ± 14.3
3333.0	258 ± 19.6	661 ± 10.7	446 ± 38.0	856 ± 13.5	322 ± 38.3
Trial Summary	Positive	Positive	Positive	Positive	Positive
Positive Control ³	370 ± 15.3	186 ± 3.0			
Positive Control ⁴			240 ± 24.7	169 ± 13.0	530 ± 71.5

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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	14 ± 1.9
33.0	113 ± 16.8
100.0	213 ± 14.2
333.0	372 ± 22.4
1000.0	544 ± 37.9
3333.0	743 ± 65.6
Trial Summary	Positive
Positive Control ³	
Positive Control ⁴	332 ± 24.6

Experiment Number: 813885

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 3-Bromo-1-propanol

CAS Number: 627-18-9

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Strain: TA97

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	130 ± 13.1	155 ± 3.8	138 ± 6.5
33.0	146 ± 7.1	178 ± 17.5	183 ± 22.0
100.0	152 ± 5.6	198 ± 3.8	175 ± 19.3
333.0	148 ± 4.4	213 ± 29.0	150 ± 24.0
1000.0	164 ± 8.4	198 ± 10.6	169 ± 15.6
3333.0	142 ± 14.2	207 ± 2.9	194 ± 18.3
Trial Summary	Negative	Equivocal	Equivocal
Positive Control ⁴		579 ± 18.3	1030 ± 21.5
Positive Control ⁵	839 ± 219.2		

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Test Type: Genetic Toxicology - Bacterial
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G06: Ames Summary Data

Test Compound: 3-Bromo-1-propanol

CAS Number: 627-18-9

Date Report Requested: 09/15/2018

Time Report Requested: 14:03:53

Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	11 ± 1.2	21 ± 3.8	19 ± 0.3
33.0	11 ± 1.9	16 ± 2.3	19 ± 2.7
100.0	11 ± 3.3	14 ± 4.6	15 ± 3.2
333.0	10 ± 0.9	17 ± 1.5	22 ± 7.0
1000.0	8 ± 0.7	17 ± 1.8	13 ± 2.6
3333.0	5 ± 0.3	16 ± 4.7	11 ± 2.9
Trial Summary	Negative	Negative	Negative
Positive Control ²		324 ± 17.8	1140 ± 67.8
Positive Control ⁶	596 ± 8.5		

Experiment Number: 813885

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

G06: Ames Summary Data

Test Compound: **3-Bromo-1-propanol**

CAS Number: **627-18-9**

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

Time Report Requested: **14:03:53**

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 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****