

Experiment Number: 808767

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: 3-Bromo-2,2-bis(bromomethyl)propanol

CAS Number: 1522-92-5

Date Report Requested: 09/15/2018

Time Report Requested: 09:37:45

**NTP Study Number:**

808767

**Study Result:**

Positive

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Strain: TA100				
Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	113 ± 6.1	134 ± 2.8	124 ± 1.9	152 ± 7.4
3.0				168 ± 3.8
10.0	135 ± 2.5			155 ± 2.5
33.0	113 ± 5.0		151 ± 7.0	190 ± 4.3
100.0	118 ± 12.3	136 ± 1.5	176 ± 7.0	220 ± 9.5
333.0	119 ± 8.3	141 ± 5.0	213 ± 3.0	240 ± 17.8
666.0	100 ± 6.4			
1000.0		106 ± 10.6	116 ± 9.7 <sup>s</sup>	
3333.0		0 ± 0.0 <sup>s</sup>	60 ± 14.0 <sup>s</sup>	
6666.0		Toxic		
Trial Summary	Negative	Negative	Positive	Positive
Positive Control <sup>2</sup>		650 ± 30.6	1737 ± 87.4	2020 ± 24.6
Positive Control <sup>3</sup>	338 ± 1.2			

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## Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	15 ± 1.5	6 ± 0.9	11 ± 2.6	6 ± 0.6
3.0				16 ± 1.7
10.0	21 ± 2.7			22 ± 4.4
33.0	19 ± 3.5		41 ± 5.5	37 ± 0.0
100.0	11 ± 1.2	13 ± 0.6	71 ± 7.8	63 ± 8.1
333.0	13 ± 1.3	8 ± 0.9	84 ± 5.5	79 ± 13.7
666.0	14 ± 2.4			
1000.0		6 ± 1.5	0 ± 0.0 <sup>s</sup>	
3333.0		0 ± 0.0 <sup>s</sup>	Toxic	
6666.0		Toxic		
Trial Summary	Negative	Negative	Positive	Positive
Positive Control <sup>3</sup>	265 ± 21.7			
Positive Control <sup>4</sup>		117 ± 22.4	244 ± 5.9	327 ± 2.1

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Test Type: **Genetic Toxicology - Bacterial  
Mutagenicity**Test Compound: **3-Bromo-2,2-bis(bromomethyl)propanol**

Time Report Requested: 09:37:45

CAS Number: 1522-92-5

**Strain: TA1537**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	4 ± 0.3	5 ± 1.2	10 ± 2.8
10.0	4 ± 0.7		
33.0	6 ± 2.1		5 ± 0.9
100.0	6 ± 0.3	8 ± 2.1	6 ± 0.6
333.0	4 ± 1.5	6 ± 1.5	6 ± 1.5
666.0	3 ± 0.9		
1000.0		7 ± 1.2	3 ± 1.9 <sup>s</sup>
3333.0		0 ± 0.0 <sup>s</sup>	Toxic
6666.0		Toxic	
Trial Summary	Negative	Negative	Negative
Positive Control <sup>4</sup>		132 ± 10.6	408 ± 25.3
Positive Control <sup>5</sup>	136 ± 6.2		

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**G06: Ames Summary Data**

Date Report Requested: 09/15/2018

Test Type: **Genetic Toxicology - Bacterial Mutagenicity**Test Compound: **3-Bromo-2,2-bis(bromomethyl)propanol**

Time Report Requested: 09:37:45

CAS Number: 1522-92-5

**Strain: TA98**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	20 ± 2.9	23 ± 2.7	24 ± 3.0
10.0	20 ± 2.6		
33.0	15 ± 1.2		27 ± 2.8
100.0	17 ± 2.0	29 ± 2.3	25 ± 2.1
333.0	14 ± 5.2	24 ± 4.4	25 ± 3.3
666.0	12 ± 1.5		
1000.0		19 ± 2.5	22 ± 3.0 <sup>s</sup>
3333.0		0 ± 0.0 <sup>s</sup>	Toxic
6666.0		Toxic	
Trial Summary	Negative	Negative	Negative
Positive Control <sup>2</sup>		451 ± 21.7	1242 ± 32.7
Positive Control <sup>6</sup>	723 ± 41.2		

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**LEGEND**

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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

s: Slight Toxicity

**\*\* END OF REPORT \*\***