

Experiment Number: 175248

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

**G06: Ames Summary Data**

Test Compound: **bis(2-Chloro-1-methylethyl) ether**

CAS Number: **108-60-1**

Date Report Requested: **09/13/2018**

Time Report Requested: **14:15:54**

**NTP Study Number:**

175248

**Study Result:**

Positive

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Mutagenicity

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**Strain: TA100**

<b>Dose (ug/Plate)</b>	<b>With 10% Rat S9</b>	<b>With 10% Rat S9</b>	<b>With 10% Mouse S9</b>	<b>With 10% Mouse S9</b>
Vehicle Control <sup>1</sup>	106 ± 3.0	122 ± 2.9	105 ± 1.0	115 ± 2.1
100.0	110 ± 8.8	119 ± 3.0	171 ± 12.3	213 ± 2.8
333.0	120 ± 8.2	118 ± 4.1	180 ± 5.8	167 ± 7.5
1000.0	138 ± 6.0	152 ± 3.5	165 ± 10.7	190 ± 10.7
3333.0	121 ± 5.0 <sup>s</sup>	100 ± 10.8 <sup>s</sup>	72 ± 15.1 <sup>s</sup>	104 ± 27.5 <sup>s</sup>
10000.0	111 ± 7.1 <sup>s</sup>	124 ± 6.0 <sup>s</sup>	8 ± 5.4 <sup>s</sup>	45 ± 9.0 <sup>s</sup>
Trial Summary	Negative	Negative	Positive	Positive
Positive Control <sup>2</sup>	954 ± 61.7	1690 ± 39.8	1701 ± 44.8	1928 ± 50.4

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**Strain: TA98**

Dose (ug/Plate)	With 10% Rat S9	With 10% Rat S9	With 10% Mouse S9	With 10% Mouse S9
Vehicle Control <sup>1</sup>	17 ± 2.3	28 ± 1.5	14 ± 1.5	19 ± 1.7
100.0	14 ± 2.1	26 ± 4.6	16 ± 1.7	24 ± 2.9
333.0	13 ± 1.5	20 ± 1.2	14 ± 0.9	20 ± 2.6
1000.0	14 ± 1.0	16 ± 0.9	7 ± 0.3	13 ± 0.9
3333.0	7 ± 1.5 <sup>S</sup>	16 ± 2.7 <sup>S</sup>	4 ± 1.2 <sup>S</sup>	11 ± 0.6 <sup>S</sup>
10000.0	5 ± 0.9 <sup>S</sup>	15 ± 1.2 <sup>S</sup>	2 ± 0.6 <sup>S</sup>	7 ± 1.5 <sup>S</sup>
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	647 ± 118.7	975 ± 89.5	1116 ± 20.2	1232 ± 43.0

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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

s: Slight Toxicity

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