

Experiment Number: A59190

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Di(2-methoxyethyl)phthalate

CAS Number: 117-82-8

Date Report Requested: 09/17/2018

Time Report Requested: 08:41:03

**NTP Study Number:**

A59190

**Study Result:**

Positive

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Test Compound: Di(2-methoxyethyl)phthalate  
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Date Report Requested: 09/17/2018  
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Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	97 ± 3.6	140 ± 11.7	111 ± 8.0
100.0	99 ± 5.5	118 ± 12.2	110 ± 12.7
333.0	95 ± 5.0	116 ± 10.3	106 ± 5.2
1000.0	119 ± 5.7	105 ± 3.4	91 ± 3.8
3333.0	97 ± 12.8	119 ± 5.6	118 ± 8.5
10000.0	59 ± 5.2 <sup>s</sup>	113 ± 7.4	113 ± 6.2
Trial Summary	Negative	Negative	Negative
Positive Control <sup>2</sup>			701 ± 15.9
Positive Control <sup>3</sup>		794 ± 33.5	
Positive Control <sup>4</sup>	853 ± 10.6		

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## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	15 ± 0.3	22 ± 3.1	23 ± 2.7	21 ± 2.5
100.0	14 ± 3.8		15 ± 2.3	15 ± 0.7
333.0	11 ± 1.7		16 ± 1.9	16 ± 0.3
666.0		26 ± 2.9		
1000.0	43 ± 2.9 <sup>x</sup>	47 ± 2.3	16 ± 1.3	12 ± 1.7
1666.0		69 ± 4.1		
3333.0	54 ± 5.8 <sup>x</sup>	96 ± 6.9	19 ± 1.5	22 ± 3.2
6666.0		79 ± 5.0		
10000.0	7 ± 2.2 <sup>s</sup>		20 ± 3.2	18 ± 1.7
Trial Summary	Positive	Positive	Negative	Negative
Positive Control <sup>2</sup>				485 ± 24.6
Positive Control <sup>5</sup>	300 ± 16.0	356 ± 12.7		
Positive Control <sup>3</sup>			518 ± 13.7	

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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: 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

s: Slight Toxicity

x: Slight Toxicity and Precipitate

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