

Experiment Number: A43866

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

**G06: Ames Summary Data**

Test Compound: **Dimepranol**

CAS Number: **108-16-7**

Date Report Requested: **09/17/2018**

Time Report Requested: **00:39:39**

**NTP Study Number:**

A43866

**Study Result:**

Negative

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Test Compound: Dimepranol

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## Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	53 ± 2.9	74 ± 1.8	66 ± 9.9	53 ± 5.1
250.0				59 ± 4.4
500.0	60 ± 10.1		37 ± 10.5	61 ± 2.0
750.0		64 ± 6.2		
1000.0	69 ± 4.1	64 ± 7.6	54 ± 5.7	65 ± 2.2
2000.0	93 ± 15.1	47 ± 5.4	45 ± 5.0	66 ± 7.4
3000.0	84 ± 13.6	30 ± 5.5		
4000.0	19 ± 4.1	4 ± 2.2	38 ± 4.4	68 ± 5.6
5000.0	3 ± 0.7			
6000.0			41 ± 10.1	
8000.0			27 ± 3.2	
10000.0			25 ± 2.7	
Trial Summary	Equivocal	Negative	Negative	Negative
Positive Control <sup>2</sup>	318 ± 30.4	277 ± 11.3		
Positive Control <sup>3</sup>			589 ± 17.5	784 ± 162.7

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## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control <sup>1</sup>	13 ± 4.0	16 ± 3.7	25 ± 2.9	27 ± 5.4
500.0		22 ± 2.3	31 ± 3.3	
750.0	22 ± 1.3	28 ± 5.3		
1000.0	18 ± 3.2	25 ± 2.4	29 ± 3.8	23 ± 5.5
2000.0	12 ± 3.7	12 ± 1.5	25 ± 1.9	22 ± 1.2
3000.0	9 ± 3.1	4 ± 1.3		
4000.0	7 ± 3.2		23 ± 4.0	23 ± 0.7
5000.0	4 ± 2.1			
6000.0			21 ± 2.1	27 ± 4.5
8000.0			15 ± 2.4	21 ± 4.7
10000.0			13 ± 5.5	
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>3</sup>			917 ± 45.2	830 ± 46.4
Positive Control <sup>4</sup>	582 ± 41.7	433 ± 27.2		

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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 <sup>1</sup>	140 ± 4.5	175 ± 19.0	185 ± 7.3	179 ± 18.3
500.0			157 ± 10.8	
750.0	131 ± 1.5			
1000.0	140 ± 17.6	147 ± 10.1	190 ± 15.4	160 ± 4.0
2000.0	131 ± 3.4	161 ± 5.1	172 ± 1.5	183 ± 5.5
3000.0	98 ± 9.0	125 ± 2.5		
4000.0	80 ± 1.2	129 ± 9.5	169 ± 13.2	184 ± 6.4
5000.0	76 ± 8.1	110 ± 2.9		
6000.0			146 ± 6.4	203 ± 17.0
8000.0			121 ± 19.9	238 ± 33.8
10000.0			48 ± 18.3	
Trial Summary	Negative	Negative	Negative	Negative
Positive Control <sup>5</sup>			940 ± 47.2	975 ± 129.1
Positive Control <sup>6</sup>	2122 ± 56.9	2146 ± 73.5		

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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 Sodium Azide

3: 2.5 ug/Plate 2-Aminoanthracene

4: 5.0 ug/Plate 2-Nitrofluorene

5: 20.0 ug/Plate 2-Aminoanthracene

6: 4000.0 ug/Plate Methyl Methane Sulfonate

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