

Experiment Number: 073361

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

**G06: Ames Summary Data**

Test Compound: Ichthammol

CAS Number: 8029-68-3

Date Report Requested: 09/11/2018

Time Report Requested: 00:12:29

**NTP Study Number:**

073361

**Study Result:**

Positive

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Strain: TA100

Dose (ug/Plate)	Without S9	With 5% Rat S9	With 10% Rat S9	With 30% Rat S9	With 5% Hamster S9
Vehicle Control <sup>1</sup>	134 ± 14.3	128 ± 1.2	126 ± 11.3	150 ± 5.7	156 ± 12.5
33.0	170 ± 5.5				
100.0	151 ± 12.1	118 ± 8.2	129 ± 0.7	186 ± 6.9	110 ± 10.7
333.0	152 ± 7.0	143 ± 5.2	163 ± 3.7	173 ± 6.4	133 ± 7.8
666.0		166 ± 6.9	150 ± 10.2		122 ± 3.8
1000.0	142 ± 5.7	161 ± 5.8	165 ± 3.5	179 ± 3.4	122 ± 2.6
1666.0		134 ± 8.3	175 ± 0.3		114 ± 7.6
3333.0	84 ± 1.9 <sup>s</sup>	113 ± 7.6	134 ± 11.0	222 ± 1.5	135 ± 9.4
10000.0				157 ± 2.5	
Trial Summary	Negative	Equivocal	Equivocal	Equivocal	Negative
Positive Control <sup>2</sup>					1114 ± 19.5
Positive Control <sup>3</sup>		787 ± 29.4	557 ± 4.0		
Positive Control <sup>4</sup>				568 ± 33.7	
Positive Control <sup>5</sup>	1182 ± 23.4				

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Strain: TA100

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Dose (ug/Plate)	With 10% Hamster S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	118 ± 13.6	161 ± 7.1
33.0		
100.0	110 ± 13.9	173 ± 5.3
333.0	128 ± 2.7	170 ± 8.3
666.0	145 ± 6.7	
1000.0	160 ± 9.2	213 ± 15.3
1666.0	141 ± 8.3	
3333.0	127 ± 1.5	207 ± 3.2
10000.0		186 ± 6.2
Trial Summary	Equivocal	Equivocal
Positive Control <sup>2</sup>	805 ± 38.3	
Positive Control <sup>3</sup>		627 ± 26.3
Positive Control <sup>4</sup>		
Positive Control <sup>5</sup>		

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## G06: Ames Summary Data

Test Compound: Ichthammol

CAS Number: 8029-68-3

Date Report Requested: 09/11/2018

Time Report Requested: 00:12:29

## Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	27 ± 2.0	23 ± 1.8	28 ± 2.0	23 ± 4.9	22 ± 2.3
33.0	35 ± 4.1				
100.0	28 ± 2.1	27 ± 1.2	20 ± 2.4	29 ± 0.7	21 ± 3.2
333.0	27 ± 3.6	33 ± 2.8	30 ± 3.5	37 ± 2.9	24 ± 3.6
666.0			30 ± 1.2		34 ± 4.8
1000.0	24 ± 1.5	37 ± 3.5	39 ± 1.5	36 ± 3.8	32 ± 3.8
1666.0			50 ± 4.1		49 ± 2.7
3333.0	22 ± 4.5	61 ± 6.5	72 ± 1.5	63 ± 1.7	60 ± 1.2
10000.0		32 ± 4.6		34 ± 4.3	
Trial Summary	Negative	Equivocal	Positive	Equivocal	Positive
Positive Control <sup>3</sup>		186 ± 2.0	204 ± 6.4	458 ± 12.3	583 ± 24.4
Positive Control <sup>6</sup>	923 ± 35.7				

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**G06: Ames Summary Data**

Test Compound: Ichthammol

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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: Water

2: 0.5 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate 2-Aminoanthracene

5: 5.0 ug/Plate Sodium Azide

6: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

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