

Experiment Number: **G10866**

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

G06: Ames Summary Data

Test Compound: **Isopropylated Phenol Phosphate**

CAS Number: **68937-41-7**

Date Report Requested: **09/16/2018**

Time Report Requested: **03:10:58**

NTP Study Number:

G10866

Study Result:

Negative

Experiment Number: G10866

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G06: Ames Summary Data

Test Compound: Isopropylated Phenol Phosphate

CAS Number: 68937-41-7

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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	97 ± 10.4	88 ± 5.3	112 ± 1.3	88 ± 2.8
119.0	97 ± 2.8		81 ± 6.9	
125.0		92 ± 4.3		80 ± 0.6
238.0	99 ± 0.7		88 ± 3.9	
250.0		87 ± 2.2		82 ± 3.4
475.0	96 ± 7.7		96 ± 4.9	
500.0		83 ± 6.7		88 ± 6.2
1425.0	99 ± 3.5		84 ± 5.5	
1500.0		77 ± 4.4		79 ± 5.7
2850.0	93 ± 6.6		93 ± 9.0	
3000.0		96 ± 4.3		73 ± 5.9
5700.0	107 ± 5.2		91 ± 3.4	
6000.0		124 ± 2.3		81 ± 2.9
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ²	560 ± 38.1	527 ± 5.8		
Positive Control ³			695 ± 9.2	729 ± 20.9

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	25 ± 0.7	55 ± 4.7	39 ± 2.4	59 ± 7.7
119.0	24 ± 3.5		34 ± 3.5	
125.0		55 ± 3.0		60 ± 5.8
238.0	27 ± 1.5		34 ± 2.0	
250.0		51 ± 1.7		64 ± 3.0
475.0	28 ± 5.5		41 ± 4.3	
500.0		54 ± 3.3		45 ± 5.7
1425.0	28 ± 4.6		33 ± 0.3	
1500.0		48 ± 1.5		57 ± 7.0
2850.0	25 ± 3.2		32 ± 7.1	
3000.0		50 ± 7.6		49 ± 4.3 ^P
5700.0	30 ± 3.8		24 ± 0.6	
6000.0		47 ± 3.8		55 ± 7.6
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁴			1821 ± 132.0	1360 ± 29.2
Positive Control ⁵	381 ± 26.7	596 ± 53.3		

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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 ¹	123 ± 10.8	142 ± 4.7	173 ± 7.8	155 ± 14.2
119.0	133 ± 5.2		160 ± 5.9	
125.0		128 ± 6.3		159 ± 11.8
238.0	133 ± 11.3		146 ± 3.8	
250.0		155 ± 4.5		144 ± 10.7
475.0	123 ± 12.9		139 ± 9.9	
500.0		136 ± 1.3		144 ± 10.1
1425.0	121 ± 5.8		127 ± 5.9	
1500.0		126 ± 5.2		155 ± 10.7
2850.0	113 ± 9.2		138 ± 4.8	
3000.0		145 ± 12.5		131 ± 11.7
5700.0	128 ± 16.3		147 ± 7.5	
6000.0		142 ± 9.9		132 ± 6.6
Trial Summary	Negative	Negative	Negative	Negative
Positive Control ⁶	1629 ± 106.3	1562 ± 16.6		
Positive Control ⁷			1293 ± 11.2	1413 ± 37.7

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LEGEND

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: 2.0 ug/Plate Other Positive Control

4: 2.0 ug/Plate 2-Aminoanthracene

5: 3.0 ug/Plate 2-Nitrofluorene

6: 0.25 ug/Plate Other Positive Control

7: 20.0 ug/Plate 2-Aminoanthracene

p: Precipitate

**** END OF REPORT ****