

Experiment Number: 685038

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: tris(1,3-Dichloro-2-propyl) phosphate

CAS Number: 13674-87-8

Date Report Requested: 09/13/2018

Time Report Requested: 01:34:47

NTP Study Number:

685038

Study Result:

Positive

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Test Compound: tris(1,3-Dichloro-2-propyl) phosphate
CAS Number: 13674-87-8

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Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	99 ± 3.2	101 ± 5.5	108 ± 10.0	111 ± 2.2	111 ± 2.4
1.0	84 ± 0.3				
10.0	88 ± 5.9				
100.0	86 ± 10.8	101 ± 6.6	134 ± 5.2	126 ± 13.6	112 ± 8.7
333.0		143 ± 4.1	178 ± 2.6	237 ± 21.0	199 ± 16.0
1000.0	80 ± 4.6 ^s	247 ± 1.5	220 ± 11.6	Toxic	492 ± 4.6
3333.0		225 ± 6.4	314 ± 22.8	405 ± 17.5	1051 ± 33.1
10000.0	70 ± 4.3 ^s	253 ± 9.9	271 ± 4.7	416 ± 7.8	1015 ± 5.5
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²	335 ± 9.3				
Positive Control ³				1740 ± 185.8	489 ± 19.6
Positive Control ⁴		484 ± 29.8	540 ± 18.5		

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Test Compound: tris(1,3-Dichloro-2-propyl) phosphate

Time Report Requested: 01:34:47

CAS Number: 13674-87-8

Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	19 ± 3.0	24 ± 2.3	27 ± 0.3
1.0	16 ± 4.4		
10.0	14 ± 0.9		
100.0	10 ± 1.3	22 ± 1.8	26 ± 0.9
333.0		24 ± 0.3	30 ± 3.5
1000.0	16 ± 1.3	27 ± 3.4	28 ± 5.2
3333.0		29 ± 2.4	30 ± 3.3
10000.0	12 ± 1.5	22 ± 2.9	27 ± 1.5
Trial Summary	Negative	Negative	Negative
Positive Control ⁵			517 ± 21.2
Positive Control ³		99 ± 3.5	
Positive Control ⁶	155 ± 7.5		

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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: 0.5 ug/Plate Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.0 ug/Plate 2-Aminoanthracene

5: 0.4 ug/Plate 2-Aminoanthracene

6: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****