

Experiment Number: 970291

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: 09/18/2018

Time Report Requested: 02:08:37

NTP Study Number:

970291

Study Result:

Positive

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Test Compound: tris(1,3-Dichloro-2-propyl) phosphate
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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	102 ± 6.6	132 ± 2.7	172 ± 4.4	113 ± 3.5	163 ± 12.3
100.0	83 ± 9.5 ^s	116 ± 5.7	189 ± 1.3	143 ± 2.2	174 ± 1.2
333.0	72 ± 5.9 ^s	131 ± 11.5 ^s	198 ± 10.3	160 ± 4.0	184 ± 15.1 ^s
1000.0	70 ± 7.0 ^s	206 ± 7.5 ^s	269 ± 7.4	369 ± 31.5 ^s	495 ± 16.7 ^s
3333.0	77 ± 3.4 ^s	219 ± 17.0 ^s	342 ± 8.8 ^s	1012 ± 10.5 ^s	451 ± 6.7 ^s
10000.0	92 ± 5.4 ^s	231 ± 15.0 ^s	340 ± 10.9 ^s	966 ± 64.5 ^s	446 ± 17.7 ^s
Trial Summary	Negative	Weakly Positive	Positive	Positive	Positive
Positive Control ²	287 ± 2.3				
Positive Control ³				338 ± 13.3	401 ± 35.2
Positive Control ⁴		346 ± 2.8	345 ± 4.4		

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Time Report Requested: 02:08:37

Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	23 ± 1.5	27 ± 2.3	31 ± 1.9
100.0	13 ± 4.4	24 ± 1.2	27 ± 8.3
333.0	15 ± 1.3	24 ± 2.5 ^S	30 ± 1.2
1000.0	16 ± 1.0 ^S	24 ± 1.7 ^S	27 ± 5.2 ^S
3333.0	16 ± 4.0 ^S	28 ± 4.0 ^S	42 ± 4.4 ^S
10000.0	11 ± 1.5 ^S	21 ± 2.5 ^S	37 ± 5.0 ^S
Trial Summary	Negative	Negative	Negative
Positive Control ⁵		134 ± 6.1	72 ± 2.0
Positive Control ⁶	129 ± 11.2		

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G06: Ames Summary Data

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CAS Number: **13674-87-8**

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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 ****