

Experiment Number: 891478

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: 09/16/2018

Time Report Requested: 22:19:39

NTP Study Number:

891478

Study Result:

Positive

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Strain: TA100

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	85 ± 3.7	124 ± 3.8	140 ± 9.0	112 ± 9.0	112 ± 2.6
100.0	82 ± 6.2	129 ± 3.5	158 ± 8.4	130 ± 10.3	138 ± 6.7
333.0	94 ± 2.3	150 ± 5.0	160 ± 5.8	154 ± 13.5	263 ± 12.7
1000.0	92 ± 9.4	156 ± 14.2	224 ± 11.3	390 ± 14.5	724 ± 32.3
3333.0	81 ± 6.0	188 ± 15.6	262 ± 9.5	561 ± 16.4	658 ± 40.6
10000.0	90 ± 9.0	229 ± 10.0	219 ± 8.1	522 ± 35.4	663 ± 40.3
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²		580 ± 16.7	637 ± 18.0	1421 ± 25.1	1178 ± 3.5
Positive Control ³	326 ± 18.7				

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Time Report Requested: 22:19:39

CAS Number: 13674-87-8

Strain: TA1535

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	22 ± 1.9	8 ± 0.7	11 ± 0.9	9 ± 1.5	12 ± 0.9
100.0	13 ± 1.7	12 ± 1.5	16 ± 2.7	13 ± 0.7	20 ± 2.0
333.0	19 ± 2.0	22 ± 5.1	26 ± 3.1	21 ± 1.9	43 ± 3.2
1000.0	20 ± 3.2	32 ± 6.2	40 ± 6.4	77 ± 10.1	207 ± 16.9
3333.0	14 ± 3.3	48 ± 4.8	34 ± 6.4	152 ± 5.5	216 ± 12.8
10000.0	18 ± 0.9	96 ± 43.1	42 ± 3.8	161 ± 8.7	230 ± 8.5
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ³	298 ± 5.0				
Positive Control ⁴		209 ± 15.3	259 ± 10.7	555 ± 7.9	513 ± 50.6

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CAS Number: 13674-87-8

Date Report Requested: 09/16/2018

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Strain: TA97

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	138 ± 12.1	205 ± 8.4	182 ± 13.6	171 ± 4.2
100.0	182 ± 7.1	233 ± 10.8	229 ± 14.2	200 ± 9.2
333.0	182 ± 2.4	231 ± 5.2	244 ± 4.3	230 ± 6.5
1000.0	166 ± 12.9	236 ± 8.3	266 ± 9.2	365 ± 5.8
3333.0	127 ± 6.4	195 ± 3.6	308 ± 11.5	372 ± 5.5
10000.0	136 ± 10.4	182 ± 7.0	265 ± 7.2	377 ± 18.5
Trial Summary	Negative	Negative	Weakly Positive	Positive
Positive Control ⁴		853 ± 21.2	1514 ± 84.2	1254 ± 99.7
Positive Control ⁵	1019 ± 122.8			

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

Date Report Requested: 09/16/2018

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Strain: TA98

Dose (ug/Plate)	Without S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	23 ± 1.9	28 ± 0.9	29 ± 1.7
100.0	16 ± 0.6	30 ± 1.7	22 ± 0.9
333.0	17 ± 1.8	22 ± 2.1	23 ± 3.2
1000.0	17 ± 2.3	29 ± 3.9	35 ± 2.9
3333.0	16 ± 0.7	25 ± 2.1	39 ± 2.3
10000.0	17 ± 3.8	34 ± 3.2	39 ± 3.8
Trial Summary	Negative	Negative	Negative
Positive Control ²		314 ± 22.2	1056 ± 33.0
Positive Control ⁶	989 ± 59.6		

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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 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****