

Experiment Number: 197511

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

G06: Ames Summary Data

Test Compound: **Tricresyl Phosphate**

CAS Number: 1330-78-5

Date Report Requested: **09/14/2018**

Time Report Requested: **08:09:28**

NTP Study Number:

197511

Study Result:

Negative

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Date Report Requested: 09/14/2018
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Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	129 ± 12.5	178 ± 17.5	194 ± 5.0	197 ± 2.8	167 ± 13.8
100.0	175 ± 42.0	180 ± 5.4	165 ± 3.8	209 ± 21.1	135 ± 7.3
333.0	148 ± 8.8	210 ± 16.1	184 ± 4.9	208 ± 11.6	147 ± 5.3
1000.0	121 ± 8.4	223 ± 10.1	267 ± 48.0	227 ± 22.3	148 ± 1.0
3333.0	107 ± 5.5	181 ± 16.7	285 ± 51.5	209 ± 9.5	150 ± 14.9
10000.0	129 ± 7.4	198 ± 10.3	228 ± 11.2	213 ± 11.0	155 ± 12.5
Trial Summary	Negative	Equivocal	Negative	Negative	Negative
Positive Control ²			633 ± 128.5	510 ± 45.5	621 ± 29.1
Positive Control ³	591 ± 84.5	519 ± 61.2			

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	192 ± 12.7
100.0	183 ± 14.5
333.0	192 ± 13.9
1000.0	190 ± 10.2
3333.0	210 ± 24.2
10000.0	215 ± 19.1
Trial Summary	Negative
Positive Control ²	622 ± 60.0
Positive Control ³	

Experiment Number: 197511

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: Tricresyl Phosphate

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Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	7 ± 0.3	9 ± 2.0	13 ± 3.5	12 ± 2.6	10 ± 0.7
100.0	8 ± 0.9	11 ± 1.0	14 ± 2.3	9 ± 1.9	13 ± 4.1
333.0	6 ± 1.3	8 ± 0.6	11 ± 2.0	8 ± 1.2	14 ± 1.7
1000.0	10 ± 1.2	9 ± 1.3	13 ± 0.9	9 ± 1.8	14 ± 0.7
3333.0	9 ± 1.8	11 ± 0.6	11 ± 1.8	8 ± 2.2	12 ± 1.5
10000.0	11 ± 0.3	12 ± 1.2	11 ± 0.7	8 ± 1.2	19 ± 2.1
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			69 ± 8.6	62 ± 10.1	72 ± 7.2
Positive Control ³	199 ± 40.5	270 ± 30.1			

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Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	8 ± 1.2
100.0	5 ± 2.8
333.0	11 ± 0.9
1000.0	6 ± 2.6
3333.0	8 ± 1.3
10000.0	8 ± 3.5
Trial Summary	Negative
Positive Control ²	79 ± 13.9
Positive Control ³	

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Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: Tricresyl Phosphate

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Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	7 ± 0.9	5 ± 1.0	6 ± 2.0	4 ± 1.2	8 ± 0.6
100.0	7 ± 1.7	4 ± 0.7	10 ± 3.8	6 ± 1.0	14 ± 0.7
333.0	6 ± 0.9	6 ± 1.0	12 ± 1.0	7 ± 1.0	16 ± 0.0
1000.0	7 ± 0.3	5 ± 0.3	14 ± 0.9	9 ± 2.1	14 ± 2.3
3333.0	8 ± 1.2	4 ± 1.0	10 ± 1.5	9 ± 2.7	16 ± 0.9
10000.0	5 ± 0.9	6 ± 2.3	12 ± 1.2	7 ± 0.7	11 ± 2.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²				154 ± 32.0	87 ± 15.0
Positive Control ⁴			199 ± 17.6		
Positive Control ⁵	155 ± 14.2	150 ± 14.8			

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Date Report Requested: 09/14/2018
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Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	5 ± 1.5
100.0	10 ± 2.1
333.0	10 ± 0.3
1000.0	9 ± 1.7
3333.0	10 ± 2.3
10000.0	6 ± 0.7
Trial Summary	Negative
Positive Control ²	45 ± 11.2
Positive Control ⁴	
Positive Control ⁵	

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	19 ± 2.9	11 ± 4.4	24 ± 1.2	15 ± 2.3	22 ± 3.4
100.0	18 ± 2.1	9 ± 0.6	23 ± 1.3	21 ± 1.9	31 ± 3.8
333.0	16 ± 0.7	8 ± 0.9	23 ± 1.3	18 ± 5.0	28 ± 0.9
1000.0	11 ± 1.5	12 ± 1.3	26 ± 5.2	19 ± 3.4	22 ± 4.9
3333.0	18 ± 1.9	15 ± 1.7	19 ± 2.5	18 ± 0.7	26 ± 3.5
10000.0	22 ± 1.5	12 ± 1.2	18 ± 4.7	10 ± 0.7	28 ± 2.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			586 ± 42.4	560 ± 34.8	594 ± 56.9
Positive Control ⁶	296 ± 15.5	356 ± 28.4			

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Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	19 ± 1.8
100.0	21 ± 2.8
333.0	18 ± 3.0
1000.0	17 ± 2.8
3333.0	19 ± 1.8
10000.0	14 ± 3.0
Trial Summary	Negative
Positive Control ²	651 ± 53.1
Positive Control 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: 3.3 ug/Plate Sodium Azide
- 4: 10.0 ug/Plate 2-Aminoanthracene
- 5: 33.0 ug/Plate 9-Aminoacridine
- 6: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****