

Experiment Number: 004480

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: o-Cresidine

CAS Number: 16452-01-0

Date Report Requested: 09/14/2018

Time Report Requested: 00:19:22

NTP Study Number:

004480

Study Result:

Positive

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G06: Ames Summary Data

Test Compound: o-Cresidine

CAS Number: 16452-01-0

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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	75 ± 5.0	92 ± 5.9	95 ± 5.5	92 ± 7.0	88 ± 5.6
10.0	79 ± 4.7		90 ± 6.9		93 ± 7.3
33.0	85 ± 5.2	158 ± 11.5	113 ± 4.6	218 ± 2.3	219 ± 7.9
100.0	76 ± 3.0	258 ± 8.0	201 ± 11.0	677 ± 13.7	719 ± 36.6
333.0	77 ± 1.5 ^s	295 ± 5.7	260 ± 12.3	1329 ± 4.8	1381 ± 69.8
1000.0	70 ± 7.5 ^s	343 ± 14.2	259 ± 7.9	1721 ± 31.9	2214 ± 61.0
2000.0		310 ± 4.7 ^s		1675 ± 45.0 ^s	
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²	323 ± 17.2				
Positive Control ³				386 ± 10.4	302 ± 7.2
Positive Control ⁴		287 ± 21.9	228 ± 7.5		

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Test Compound: o-Cresidine

CAS Number: 16452-01-0

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Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	16 ± 0.9	19 ± 1.9	18 ± 2.1	15 ± 1.8	18 ± 1.5
10.0	12 ± 2.1		20 ± 0.9		20 ± 2.7
33.0	15 ± 2.1	21 ± 1.2	25 ± 1.8	31 ± 3.8	26 ± 1.5
100.0	13 ± 0.3	25 ± 4.6	38 ± 5.2	81 ± 2.1	98 ± 15.5
333.0	13 ± 2.1	60 ± 4.0	64 ± 0.9	418 ± 15.8	421 ± 6.7
1000.0	6 ± 1.3 ^s	103 ± 2.0	100 ± 5.8	1289 ± 50.5	1258 ± 33.2
2000.0		112 ± 0.9		1467 ± 53.0 ^s	
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ⁵				87 ± 2.2	159 ± 1.2
Positive Control ³		94 ± 6.3	63 ± 2.2		
Positive Control ⁶	148 ± 3.2				

Experiment Number: 004480

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

G06: Ames Summary Data

Test Compound: **o-Cresidine**

CAS Number: **16452-01-0**

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

Time Report Requested: **00:19:22**

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 ****