

Experiment Number: 469273

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: m-Cresidine

CAS Number: 102-50-1

Date Report Requested: 09/11/2018

Time Report Requested: 15:54:33

NTP Study Number:

469273

Study Result:

Positive

Experiment Number: 469273

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: m-Cresidine

CAS Number: 102-50-1

Date Report Requested: 09/11/2018

Time Report Requested: 15:54:33

Strain: TA100				
Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	86 ± 3.3	105 ± 4.2	104 ± 6.6	94 ± 7.0
33.0	77 ± 2.1			103 ± 4.9
100.0	95 ± 3.6	115 ± 6.7	153 ± 2.7	121 ± 3.7
333.0	86 ± 6.5	125 ± 10.4	192 ± 10.4	177 ± 5.8
1000.0	82 ± 2.7 ^s	121 ± 3.9	244 ± 19.4	208 ± 15.2
2000.0	64 ± 10.7 ^s			198 ± 12.0
3333.0		140 ± 5.8	253 ± 20.8	
6666.0		59 ± 21.4 ^s	51 ± 22.2 ^s	
Trial Summary	Negative	Equivocal	Positive	Positive
Positive Control ²	304 ± 12.2			
Positive Control ³			363 ± 8.5	1102 ± 30.6
Positive Control ⁴		259 ± 7.3		

Experiment Number: 469273
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: m-Cresidine
CAS Number: 102-50-1

Date Report Requested: 09/11/2018
Time Report Requested: 15:54:33

Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	10 ± 1.5	17 ± 0.9	17 ± 1.2	33 ± 3.6
33.0	14 ± 0.7			25 ± 3.8
100.0	12 ± 2.3	18 ± 1.5	27 ± 4.0	29 ± 1.2
333.0	13 ± 2.5	18 ± 1.5	33 ± 0.7	32 ± 2.6
1000.0	13 ± 0.0	23 ± 0.3	45 ± 3.8	48 ± 7.0
2000.0	11 ± 0.9 ^s			44 ± 5.6
3333.0		24 ± 1.7	47 ± 5.5	
6666.0		17 ± 1.0 ^s	28 ± 6.7 ^s	
Trial Summary	Negative	Negative	Weakly Positive	Negative
Positive Control ⁵			85 ± 4.1	258 ± 15.1
Positive Control ³		85 ± 4.8		
Positive Control ⁶	185 ± 8.1			

Experiment Number: 469273

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

G06: Ames Summary Data

Test Compound: **m-Cresidine**

CAS Number: **102-50-1**

Date Report Requested: **09/11/2018**

Time Report Requested: **15:54:33**

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 ****