

Experiment Number: 287304

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 3-Methyl-6-methoxy-2-amino-benzothiazolium chloride

CAS Number: EMTDP-76

Date Report Requested: 09/11/2018

Time Report Requested: 15:43:56

NTP Study Number:

287304

Study Result:

Positive

Experiment Number: 287304

G06: Ames Summary Data

Date Report Requested: 09/11/2018

Test Type: Genetic Toxicology - Bacterial
MutagenicityTest Compound: 3-Methyl-6-methoxy-2-amino-benzothiazolium chloride
CAS Number: EMTDP-76

Time Report Requested: 15:43:56

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	121 ± 5.0	138 ± 7.1	140 ± 5.9	147 ± 9.3	125 ± 1.2
33.0			154 ± 3.5		160 ± 9.7
100.0	109 ± 3.7	193 ± 3.2	194 ± 10.7	193 ± 1.2	209 ± 5.8
333.0	110 ± 7.0	259 ± 33.3	477 ± 10.2	413 ± 5.6	835 ± 31.0
1000.0	119 ± 13.0	551 ± 17.9	629 ± 25.6	979 ± 57.4	1138 ± 31.0
3333.0	115 ± 11.9	511 ± 57.1	573 ± 36.4	1050 ± 69.4	1306 ± 11.7
10000.0	106 ± 8.6	531 ± 12.6		809 ± 90.4	
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²				579 ± 21.7	655 ± 16.7
Positive Control ³	360 ± 14.7				
Positive Control ⁴		404 ± 32.9	611 ± 21.4		

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CAS Number: EMTDP-76

Time Report Requested: 15:43:56

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	17 ± 3.8	27 ± 3.2	29 ± 1.2	29 ± 2.4	22 ± 3.2
1.0				27 ± 6.2	
3.0			36 ± 3.2	36 ± 3.8	38 ± 0.9
10.0		75 ± 3.5	51 ± 3.3	56 ± 0.3	59 ± 5.1
16.0					58 ± 10.4
33.0		133 ± 4.9	149 ± 13.0	165 ± 8.0	109 ± 2.9
66.0			242 ± 6.7		585 ± 75.3
100.0	17 ± 1.2	422 ± 12.8	307 ± 25.7	488 ± 52.9	
166.0		648 ± 132.0			
333.0	19 ± 2.1	861 ± 124.8			
1000.0	18 ± 1.7				
3333.0	18 ± 1.9				
10000.0	18 ± 1.5				
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²		167 ± 6.3	95 ± 7.8	488 ± 23.8	485 ± 44.5
Positive Control ⁵	558 ± 20.6				

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Test Type: **Genetic Toxicology - Bacterial
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Test Compound: **3-Methyl-6-methoxy-2-amino-benzothiazolium chloride**

Time Report Requested: 15:43:56

CAS Number: **EMTDP-76**

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: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****