Experiment Number: **A15096**

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

G06: Ames Summary Data

Test Compound: **Monochloroacetic acid**

CAS Number: **79-11-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **01:34:38**

NTP Study Number: A15096

Study Result: Negative

Experiment Number: **A15096**

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

G06: Ames Summary Data

Test Compound: **Monochloroacetic acid**

CAS Number: **79-11-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **01:34:38**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	124 ± 10.1	130 ± 13.5	125 ± 4.0	138 ± 5.8	139 ± 10.7
100.0	128 ± 6.6	120 ± 5.5	135 ± 5.9	133 ± 2.7	140 ± 7.0
333.0	122 ± 5.9	131 ± 8.6	140 ± 10.0	126 ± 2.7	134 ± 5.4
1000.0	140 ± 5.5	126 ± 9.3	133 ± 7.4	132 ± 3.2	128 ± 5.6
3333.0	118 ± 8.6	127 ± 1.2	151 ± 4.5	131 ± 5.8	128 ± 6.1
6666.0	80 ± 6.7[s]	61 ± 6.9[s]	79 ± 7.8[s]	75 ± 5.5[s]	48 ± 7.4[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					695 ± 18.5
Positive Control[3]			635 ± 24.8		
Positive Control[4]				624 ± 15.4	
Positive Control[5]	900 ± 12.3	844 ± 5.1			

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Test Compound: **Monochloroacetic acid**

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Date Report Requested: **09/16/2018**

Time Report Requested: **01:34:38**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	135 ± 9.8
100.0	132 ± 3.5
333.0	142 ± 8.3
1000.0	136 ± 3.9
3333.0	135 ± 5.1
6666.0	100 ± 9.2[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	664 ± 21.1
Positive Control[4]	
Positive Control[5]	

Experiment Number: **A15096**

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

G06: Ames Summary Data

Test Compound: **Monochloroacetic acid**

CAS Number: **79-11-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **01:34:38**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	14 ± 1.5	11 ± 2.1	9 ± 0.9	15 ± 1.5	9 ± 0.7
100.0	20 ± 4.3	9 ± 1.8	8 ± 1.2	13 ± 1.8	10 ± 0.3
333.0	15 ± 3.2	12 ± 1.2	10 ± 1.2	11 ± 0.9	9 ± 1.7
1000.0	16 ± 2.6	11 ± 1.3	11 ± 3.0	9 ± 0.3	8 ± 2.7
3333.0	16 ± 4.2	9 ± 0.3	7 ± 1.2	10 ± 1.2	8 ± 0.3
6666.0	5 ± 1.2[s]	3 ± 0.6[s]	2 ± 0.9[s]	2 ± 0.3[s]	3 ± 0.3[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]					126 ± 14.0
Positive Control[4]			130 ± 15.1		
Positive Control[5]	938 ± 15.5	940 ± 16.2			
Positive Control[6]				115 ± 6.9	

Experiment Number: **A15096**

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

G06: Ames Summary Data

Test Compound: **Monochloroacetic acid**

CAS Number: **79-11-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **01:34:38**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	12 ± 1.5
100.0	11 ± 0.6
333.0	10 ± 1.3
1000.0	13 ± 1.3
3333.0	8 ± 0.6
6666.0	3 ± 0.6[s]
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	141 ± 5.0
Positive Control[5]	
Positive Control[6]	

Experiment Number: **A15096**

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

G06: Ames Summary Data

Test Compound: **Monochloroacetic acid**

CAS Number: **79-11-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **01:34:38**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	128 ± 3.4	130 ± 10.9	180 ± 9.0	179 ± 7.7	169 ± 9.7
100.0	127 ± 1.2	126 ± 15.4	166 ± 13.3	154 ± 14.1	172 ± 6.7
333.0	132 ± 7.2	132 ± 7.7	141 ± 18.2	167 ± 10.7	179 ± 10.0
1000.0	151 ± 8.8	131 ± 3.1	190 ± 2.6	157 ± 16.8	170 ± 13.7
3333.0	129 ± 9.2	114 ± 14.3	187 ± 6.8	170 ± 15.5	201 ± 22.1
6666.0	46 ± 18.5[s]	59 ± 9.4[s]	50 ± 11.2[s]	90 ± 6.6[s]	76 ± 15.3[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					710 ± 8.9
Positive Control[3]			653 ± 15.0		
Positive Control[4]				650 ± 23.7	
Positive Control[7]	572 ± 16.9	640 ± 21.1			

Experiment Number: **A15096**

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

G06: Ames Summary Data

Test Compound: **Monochloroacetic acid**

CAS Number: **79-11-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **01:34:38**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	189 ± 12.8
100.0	194 ± 2.1
333.0	168 ± 10.1
1000.0	186 ± 19.1
3333.0	183 ± 18.3
6666.0	58 ± 7.3[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	660 ± 6.7
Positive Control[4]	
Positive Control[7]	

Experiment Number: **A15096**

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

G06: Ames Summary Data

Test Compound: **Monochloroacetic acid**

CAS Number: **79-11-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **01:34:38**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	11 ± 0.9	19 ± 1.2	11 ± 1.7	14 ± 2.0	13 ± 3.3
100.0	11 ± 2.0	23 ± 3.1	11 ± 1.5	18 ± 1.0	14 ± 2.7
333.0	13 ± 1.9	20 ± 2.6	9 ± 1.9	11 ± 0.7	19 ± 3.0
1000.0	11 ± 1.0	21 ± 2.2	10 ± 3.1	14 ± 0.3	17 ± 2.5
3333.0	11 ± 1.3	24 ± 4.7	16 ± 1.8	16 ± 1.7	18 ± 0.7
6666.0	6 ± 0.9[s]	9 ± 0.3[s]	8 ± 0.9[s]	7 ± 1.2[s]	8 ± 1.2[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					534 ± 11.4
Positive Control[3]			466 ± 15.8		
Positive Control[8]	380 ± 8.3	443 ± 16.9			
Positive Control[4]				431 ± 7.8	

Experiment Number: **A15096**

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

G06: Ames Summary Data

Test Compound: **Monochloroacetic acid**

CAS Number: **79-11-8**

Date Report Requested: **09/16/2018**

Time Report Requested: **01:34:38**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	14 ± 1.5
100.0	13 ± 2.6
333.0	10 ± 1.7
1000.0	15 ± 2.0
3333.0	16 ± 2.2
6666.0	9 ± 1.3[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	478 ± 6.7
Positive Control[8]	
Positive Control[4]	

LEGEND

Values given as Mean or Mean ± 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: Water
2: 1.0 ug/Plate 2-Aminoanthracene
3: 2.0 ug/Plate 2-Aminoanthracene
4: 5.0 ug/Plate 2-Aminoanthracene
5: 5.0 ug/Plate Sodium Azide
6: 10.0 ug/Plate 2-Aminoanthracene
7: 50.0 ug/Plate 9-Aminoacridine
8: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine
s: Slight Toxicity

** END OF REPORT **