Experiment Number: **309708**

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

G06: Ames Summary Data

Test Compound: **m-Chloroaniline**

CAS Number: **108-42-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **03:44:01**

NTP Study Number: 309708

Study Result: Negative

Experiment Number: **309708**

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

G06: Ames Summary Data

Test Compound: **m-Chloroaniline**

CAS Number: **108-42-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **03:44:01**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	118 ± 11.9	98 ± 4.4	112 ± 2.2	120 ± 5.5	94 ± 4.2
33.0	126 ± 8.8	94 ± 2.3	104 ± 7.2	139 ± 5.2	101 ± 3.8
100.0	123 ± 8.4	95 ± 3.8	101 ± 2.3	139 ± 10.0	103 ± 9.4
333.0	125 ± 9.4	98 ± 6.7	107 ± 2.3	127 ± 3.2	97 ± 7.1
1000.0	111 ± 4.8[s]	61 ± 7.9[s]	103 ± 3.8[s]	116 ± 7.2	89 ± 3.3[s]
1500.0		48 ± 21.2[s]	Toxic		12 ± 10.0[s]
2000.0	64 ± 3.5[s]			74 ± 9.7[s]	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					409 ± 10.7
Positive Control[3]	476 ± 8.0	310 ± 6.0			
Positive Control[4]			570 ± 13.7		
Positive Control[5]					
Positive Control[6]				560 ± 58.0	

Experiment Number: **309708**

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

G06: Ames Summary Data

Test Compound: **m-Chloroaniline**

CAS Number: **108-42-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **03:44:01**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	121 ± 2.4
33.0	110 ± 3.5
100.0	120 ± 9.5
333.0	130 ± 4.8
1000.0	122 ± 9.0
1500.0	
2000.0	100 ± 9.0[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	
Positive Control[4]	
Positive Control[5]	728 ± 9.0
Positive Control[6]	

Experiment Number: **309708**

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

G06: Ames Summary Data

Test Compound: **m-Chloroaniline**

CAS Number: **108-42-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **03:44:01**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	26 ± 4.2	20 ± 3.0	10 ± 1.0	13 ± 0.9	10 ± 0.0
33.0	18 ± 1.9	15 ± 3.2	10 ± 1.8	9 ± 2.0	12 ± 1.5
100.0	29 ± 2.5	16 ± 0.9	10 ± 1.8	13 ± 1.8	8 ± 2.0
333.0	27 ± 3.2	14 ± 2.0	8 ± 0.7	8 ± 0.9	13 ± 2.3
1000.0	23 ± 4.7	12 ± 1.0[s]	8 ± 1.8[s]	7 ± 1.7	10 ± 1.2
1500.0		15 ± 5.0[s]	Toxic		4 ± 1.0[s]
2000.0	Toxic			Toxic	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					59 ± 2.8
Positive Control[3]	291 ± 5.8	220 ± 12.0			
Positive Control[5]					
Positive Control[6]			145 ± 9.8	143 ± 0.3	

Experiment Number: **309708**

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

G06: Ames Summary Data

Test Compound: **m-Chloroaniline**

CAS Number: **108-42-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **03:44:01**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	13 ± 1.9
33.0	11 ± 1.7
100.0	9 ± 1.5
333.0	9 ± 0.7
1000.0	13 ± 0.9
1500.0	
2000.0	12 ± 2.5[s]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	
Positive Control[5]	228 ± 53.1
Positive Control[6]	

Experiment Number: **309708**

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

G06: Ames Summary Data

Test Compound: **m-Chloroaniline**

CAS Number: **108-42-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **03:44:01**

Strain: TA1537

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control[1]	8 ± 0.9	10 ± 2.0	13 ± 1.0
33.0	11 ± 2.3	6 ± 1.5	12 ± 0.9
100.0	10 ± 1.3	8 ± 0.3	9 ± 1.9
333.0	7 ± 0.6	8 ± 0.3	9 ± 1.5
1000.0	7 ± 2.4	9 ± 2.4	11 ± 1.5
2000.0	3 ± 2.5[s]	Toxic	10 ± 2.0[s]
Trial Summary	Negative	Negative	Negative
Positive Control[7]		62 ± 2.6	120 ± 11.9
Positive Control[8]	74 ± 3.5		

Experiment Number: **309708**

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

G06: Ames Summary Data

Test Compound: **m-Chloroaniline**

CAS Number: **108-42-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **03:44:01**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	95 ± 5.5	80 ± 2.3	118 ± 3.8	158 ± 7.7	87 ± 3.4
33.0	92 ± 4.2	97 ± 5.0	118 ± 3.8	157 ± 9.5	114 ± 1.9
100.0	91 ± 7.3	100 ± 8.6	107 ± 4.5	151 ± 3.6	99 ± 4.0
333.0	89 ± 8.0	77 ± 6.4	111 ± 3.2	146 ± 5.3	107 ± 3.1
1000.0	78 ± 2.0[s]	72 ± 3.7[s]	91 ± 3.5[s]	130 ± 6.8[s]	82 ± 1.2[s]
1500.0		Toxic	Toxic		77 ± 9.0[s]
2000.0	Toxic			Toxic	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]					524 ± 10.0
Positive Control[6]			1021 ± 5.2		
Positive Control[7]				471 ± 47.7	
Positive Control[9]	199 ± 4.6	223 ± 13.7			

Experiment Number: **309708**

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

G06: Ames Summary Data

Test Compound: **m-Chloroaniline**

CAS Number: **108-42-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **03:44:01**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	162 ± 6.6
33.0	172 ± 12.1
100.0	184 ± 2.3
333.0	172 ± 12.7
1000.0	137 ± 7.8[s]
1500.0	
2000.0	Toxic
Trial Summary	Negative
Positive Control[4]	
Positive Control[6]	
Positive Control[7]	553 ± 21.7
Positive Control[9]	

Experiment Number: **309708**

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

G06: Ames Summary Data

Test Compound: **m-Chloroaniline**

CAS Number: **108-42-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **03:44:01**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	20 ± 1.9	12 ± 1.2	25 ± 1.5	34 ± 3.8	21 ± 2.3
33.0	16 ± 1.7	17 ± 1.9	24 ± 1.5	36 ± 1.2	26 ± 2.1
100.0	26 ± 3.2	10 ± 1.3	24 ± 0.7	34 ± 2.9	27 ± 3.2
333.0	23 ± 5.7	10 ± 1.5	25 ± 2.4	38 ± 3.8	29 ± 5.0
1000.0	17 ± 4.7	9 ± 1.7[s]	19 ± 2.1[s]	32 ± 4.2	29 ± 1.8[s]
1500.0		Toxic	9 ± 3.2[s]		24 ± 8.2[s]
2000.0	11 ± 0.5[s]			25 ± 12.5[s]	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[10]					83 ± 9.5
Positive Control[2]			245 ± 11.8		
Positive Control[11]	190 ± 6.8	161 ± 2.2			
Positive Control[5]				166 ± 11.3	

Experiment Number: **309708**

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

G06: Ames Summary Data

Test Compound: **m-Chloroaniline**

CAS Number: **108-42-9**

Date Report Requested: **09/12/2018**

Time Report Requested: **03:44:01**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	47 ± 0.7
33.0	41 ± 5.1
100.0	41 ± 2.9
333.0	40 ± 2.9
1000.0	42 ± 3.7
1500.0	
2000.0	46 ± 1.5[s]
Trial Summary	Negative
Positive Control[10]	
Positive Control[2]	110 ± 8.4
Positive Control[11]	
Positive Control[5]	

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: Dimethyl Sulfoxide
2: 0.4 ug/Plate 2-Aminoanthracene
3: 0.5 ug/Plate Sodium Azide
4: 0.75 ug/Plate 2-Aminoanthracene
5: 1.0 ug/Plate 2-Aminoanthracene
6: 2.0 ug/Plate 2-Aminoanthracene
7: 2.5 ug/Plate 2-Aminoanthracene
8: 4.0 ug/Plate 9-Aminoacridine
9: 8.0 ug/Plate 9-Aminoacridine
10: 0.2 ug/Plate 2-Aminoanthracene
11: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine
s: Slight Toxicity

** END OF REPORT **