Experiment Number: **733164**

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

G06: Ames Summary Data

Test Compound: **N-Methylethanolamine**

CAS Number: **109-83-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **04:58:49**

NTP Study Number: 733164

Study Result: Negative

Experiment Number: **733164**

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

G06: Ames Summary Data

Test Compound: **N-Methylethanolamine**

CAS Number: **109-83-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **04:58:49**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	157 ± 3.0	159 ± 1.9	157 ± 5.7	167 ± 8.0	171 ± 4.4
33.0	136 ± 3.7	159 ± 9.6	170 ± 14.5	167 ± 5.5	180 ± 9.6
100.0	159 ± 6.3	149 ± 2.6	162 ± 3.8	155 ± 11.5	166 ± 12.2
333.0	165 ± 4.2	156 ± 2.1	188 ± 5.5	175 ± 13.0	162 ± 6.3
1000.0	161 ± 10.5	140 ± 13.9	169 ± 6.2	161 ± 9.3	150 ± 3.5
3333.0	113 ± 13.4[s]	126 ± 11.8[s]	143 ± 10.7[s]	152 ± 11.3[s]	137 ± 4.7[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					1397 ± 38.4
Positive Control[3]			1207 ± 30.7	604 ± 27.1	
Positive Control[4]	1080 ± 34.4	1440 ± 12.8			

Experiment Number: **733164**

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

G06: Ames Summary Data

Test Compound: **N-Methylethanolamine**

CAS Number: **109-83-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **04:58:49**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	153 ± 6.2
33.0	144 ± 12.2
100.0	145 ± 3.8
333.0	164 ± 8.1
1000.0	164 ± 1.7
3333.0	180 ± 4.0[s]
Trial Summary	Negative
Positive Control[2]	752 ± 27.7
Positive Control[3]	
Positive Control[4]	

Experiment Number: **733164**

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

G06: Ames Summary Data

Test Compound: **N-Methylethanolamine**

CAS Number: **109-83-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **04:58:49**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	21 ± 2.2	23 ± 3.8	16 ± 2.0	10 ± 1.9	11 ± 1.2
33.0	24 ± 2.4	20 ± 1.0	15 ± 2.4	10 ± 1.0	18 ± 5.2
100.0	24 ± 3.0	27 ± 1.0	17 ± 1.0	9 ± 1.2	16 ± 3.2
333.0	24 ± 1.2	34 ± 1.9	13 ± 2.9	9 ± 0.3	16 ± 1.0
1000.0	16 ± 2.6	12 ± 2.7	11 ± 1.3	8 ± 1.2	12 ± 1.5
3333.0	10 ± 2.6[s]	6 ± 1.0[s]	13 ± 2.0[s]	13 ± 3.2[s]	14 ± 0.9[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					100 ± 4.5
Positive Control[3]			94 ± 4.4	59 ± 2.9	
Positive Control[4]	816 ± 42.0	1142 ± 18.3			

Experiment Number: **733164**

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

G06: Ames Summary Data

Test Compound: **N-Methylethanolamine**

CAS Number: **109-83-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **04:58:49**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	14 ± 0.6
33.0	10 ± 1.5
100.0	12 ± 1.2
333.0	8 ± 0.9
1000.0	14 ± 1.2
3333.0	9 ± 4.4[s]
Trial Summary	Negative
Positive Control[2]	72 ± 6.8
Positive Control[3]	
Positive Control[4]	

Experiment Number: **733164**

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

G06: Ames Summary Data

Test Compound: **N-Methylethanolamine**

CAS Number: **109-83-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **04:58:49**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	4 ± 1.2	4 ± 1.2	7 ± 1.2	5 ± 1.9	5 ± 0.6
33.0	7 ± 1.2	6 ± 0.7	6 ± 0.9	8 ± 2.3	6 ± 0.7
100.0	4 ± 0.3	5 ± 1.3	8 ± 1.2	8 ± 1.5	6 ± 0.9
333.0	5 ± 0.3	7 ± 2.7	9 ± 2.9	8 ± 2.1	6 ± 3.4
1000.0	5 ± 2.7	8 ± 1.2	4 ± 0.9	8 ± 0.7	6 ± 1.5
3333.0	3 ± 1.5[s]	3 ± 2.0[s]	1 ± 0.7[s]	Toxic	3 ± 0.9[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					108 ± 6.8
Positive Control[3]			105 ± 11.2	51 ± 5.6	
Positive Control[5]	169 ± 16.3	238 ± 7.0			

Experiment Number: **733164**

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

G06: Ames Summary Data

Test Compound: **N-Methylethanolamine**

CAS Number: **109-83-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **04:58:49**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	6 ± 1.2
33.0	5 ± 0.9
100.0	5 ± 0.9
333.0	10 ± 1.9
1000.0	6 ± 1.3
3333.0	Toxic
Trial Summary	Negative
Positive Control[2]	68 ± 7.2
Positive Control[3]	
Positive Control[5]	

Experiment Number: **733164**

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

G06: Ames Summary Data

Test Compound: **N-Methylethanolamine**

CAS Number: **109-83-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **04:58:49**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	16 ± 1.9	16 ± 1.2	27 ± 3.2	30 ± 0.7	26 ± 1.5
33.0	19 ± 2.8	15 ± 4.7	27 ± 2.4	23 ± 3.0	30 ± 0.6
100.0	19 ± 2.3	22 ± 3.5	23 ± 2.0	24 ± 1.9	24 ± 2.8
333.0	18 ± 1.2	16 ± 3.8	26 ± 4.1	23 ± 3.1	25 ± 4.2
1000.0	15 ± 1.5	21 ± 1.9	20 ± 0.3	25 ± 4.5	26 ± 2.5
3333.0	10 ± 1.2[s]	14 ± 3.5[s]	21 ± 4.2[s]	Toxic	10 ± 0.9[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					1263 ± 46.5
Positive Control[3]			985 ± 16.3	406 ± 19.0	
Positive Control[6]	1501 ± 32.5	1523 ± 31.4			

Experiment Number: **733164**

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

G06: Ames Summary Data

Test Compound: **N-Methylethanolamine**

CAS Number: **109-83-1**

Date Report Requested: **09/17/2018**

Time Report Requested: **04:58:49**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	24 ± 1.3
33.0	30 ± 3.2
100.0	28 ± 1.8
333.0	26 ± 2.7
1000.0	28 ± 3.5
3333.0	12 ± 1.2[s]
Trial Summary	Negative
Positive Control[2]	580 ± 16.2
Positive Control[3]	
Positive Control[6]	

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: 0.75 ug/Plate 2-Aminoanthracene
3: 1.5 ug/Plate 2-Aminoanthracene
4: 2.5 ug/Plate Sodium Azide
5: 80.0 ug/Plate 9-Aminoacridine
6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine
s: Slight Toxicity

** END OF REPORT **