Experiment Number: **683120**

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

G06: Ames Summary Data

Test Compound: **Triethanolamine**

CAS Number: **102-71-6**

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

Time Report Requested: **07:16:08**

NTP Study Number: 683120

Study Result: Negative

Experiment Number: **683120**

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

G06: Ames Summary Data

Test Compound: **Triethanolamine**

CAS Number: **102-71-6**

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

Time Report Requested: **07:16:08**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	89 ± 2.6	104 ± 11.8	159 ± 15.2	164 ± 8.4	192 ± 13.5
33.0	96 ± 8.5	112 ± 6.1	162 ± 9.9	143 ± 14.5	180 ± 7.9
100.0	87 ± 3.1	98 ± 2.2	151 ± 6.1	157 ± 4.4	215 ± 26.7
333.0	74 ± 12.7	93 ± 5.2	165 ± 3.7	147 ± 12.2	188 ± 10.0
1000.0	73 ± 3.2	106 ± 10.6	152 ± 6.1	149 ± 5.4	145 ± 5.2
3333.0	74 ± 4.8	96 ± 5.3	153 ± 14.2	122 ± 20.8	155 ± 3.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			299 ± 30.2	293 ± 1.2	668 ± 41.6
Positive Control[3]	359 ± 21.0	425 ± 29.6			

Experiment Number: **683120**

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

G06: Ames Summary Data

Test Compound: **Triethanolamine**

CAS Number: **102-71-6**

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

Time Report Requested: **07:16:08**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	163 ± 14.8
33.0	145 ± 4.2
100.0	162 ± 11.0
333.0	154 ± 4.6
1000.0	148 ± 13.6
3333.0	137 ± 2.6
Trial Summary	Negative
Positive Control[2]	935 ± 188.8
Positive Control[3]	

Experiment Number: **683120**

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

G06: Ames Summary Data

Test Compound: **Triethanolamine**

CAS Number: **102-71-6**

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

Time Report Requested: **07:16:08**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	7 ± 0.9	4 ± 1.3	11 ± 1.9	7 ± 2.0	9 ± 1.5
33.0	5 ± 1.7	2 ± 0.3	8 ± 2.2	3 ± 1.2	9 ± 0.9
100.0	5 ± 2.1	3 ± 0.3	8 ± 2.3	4 ± 1.0	6 ± 0.9
333.0	10 ± 1.5	3 ± 1.5	9 ± 1.5	7 ± 2.1	6 ± 1.8
1000.0	7 ± 0.9	3 ± 0.7	9 ± 1.9	4 ± 1.2	7 ± 1.8
3333.0	7 ± 0.6	4 ± 0.6	8 ± 2.1	5 ± 1.5	8 ± 1.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			71 ± 4.6	19 ± 2.0	61 ± 11.8
Positive Control[3]	193 ± 19.5	291 ± 39.0			

Experiment Number: **683120**

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

G06: Ames Summary Data

Test Compound: **Triethanolamine**

CAS Number: **102-71-6**

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

Time Report Requested: **07:16:08**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	6 ± 1.5
33.0	4 ± 1.2
100.0	2 ± 1.2
333.0	4 ± 0.0
1000.0	6 ± 0.7
3333.0	3 ± 1.5
Trial Summary	Negative
Positive Control[2]	47 ± 7.7
Positive Control[3]	

Experiment Number: **683120**

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

G06: Ames Summary Data

Test Compound: **Triethanolamine**

CAS Number: **102-71-6**

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

Time Report Requested: **07:16:08**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	9 ± 2.4	6 ± 1.5	8 ± 2.0	5 ± 1.8	8 ± 1.5
33.0	6 ± 2.2	5 ± 0.7	11 ± 1.8	5 ± 1.2	10 ± 1.3
100.0	7 ± 1.2	6 ± 0.6	8 ± 1.2	4 ± 1.2	10 ± 3.0
333.0	7 ± 1.2	6 ± 1.3	12 ± 2.5	5 ± 1.7	8 ± 3.5
1000.0	9 ± 0.9	6 ± 0.9	7 ± 0.9	6 ± 0.9	7 ± 2.4
3333.0	3 ± 0.3	5 ± 2.7	9 ± 1.5	8 ± 1.9	9 ± 1.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			35 ± 5.8	19 ± 1.2	37 ± 10.7
Positive Control[4]	300 ± 35.1	198 ± 22.5			

Experiment Number: **683120**

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

G06: Ames Summary Data

Test Compound: **Triethanolamine**

CAS Number: **102-71-6**

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

Time Report Requested: **07:16:08**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	9 ± 0.3
33.0	9 ± 2.5
100.0	10 ± 1.0
333.0	8 ± 1.3
1000.0	7 ± 1.0
3333.0	8 ± 1.5
Trial Summary	Negative
Positive Control[2]	44 ± 3.2
Positive Control[4]	

Experiment Number: **683120**

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

G06: Ames Summary Data

Test Compound: **Triethanolamine**

CAS Number: **102-71-6**

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

Time Report Requested: **07:16:08**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	18 ± 2.3	15 ± 2.0	23 ± 1.0	19 ± 2.1	23 ± 2.7
33.0	13 ± 1.7	12 ± 2.6	20 ± 3.7	15 ± 1.5	18 ± 1.0
100.0	14 ± 2.3	11 ± 0.7	27 ± 1.7	18 ± 3.5	31 ± 9.4
333.0	15 ± 1.5	12 ± 0.9	17 ± 1.7	13 ± 2.6	23 ± 4.4
1000.0	9 ± 1.5	12 ± 2.2	18 ± 3.4	15 ± 0.9	25 ± 2.0
3333.0	14 ± 1.9	12 ± 1.2	16 ± 0.7	11 ± 0.9	17 ± 3.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			94 ± 2.5	166 ± 1.2	330 ± 15.5
Positive Control[5]	261 ± 25.1	245 ± 30.7			

Experiment Number: **683120**

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

G06: Ames Summary Data

Test Compound: **Triethanolamine**

CAS Number: **102-71-6**

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

Time Report Requested: **07:16:08**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	18 ± 2.9
33.0	15 ± 1.3
100.0	18 ± 3.1
333.0	17 ± 0.3
1000.0	19 ± 0.6
3333.0	13 ± 0.9
Trial Summary	Negative
Positive Control[2]	420 ± 7.1
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: Water
2: 1.0 ug/Plate 2-Aminoanthracene
3: 3.3 ug/Plate Sodium Azide
4: 33.0 ug/Plate 9-Aminoacridine
5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

** END OF REPORT **