Experiment Number: **622722**

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

G06: Ames Summary Data

Test Compound: **Triisobutylamine**

CAS Number: **1116-40-1**

Date Report Requested: **09/10/2018**

Time Report Requested: **16:08:11**

NTP Study Number: 622722

Study Result: Negative

Experiment Number: **622722**

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

G06: Ames Summary Data

Test Compound: **Triisobutylamine**

CAS Number: **1116-40-1**

Date Report Requested: **09/10/2018**

Time Report Requested: **16:08:11**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	125 ± 7.3	132 ± 2.8	154 ± 6.9	146 ± 10.1	159 ± 6.3
3.3	118 ± 8.7	99 ± 6.4			
10.0	131 ± 7.9	107 ± 9.4	171 ± 10.7	146 ± 9.5	180 ± 4.9
33.0	125 ± 7.8	119 ± 5.5	157 ± 9.6	147 ± 4.2	153 ± 8.2
100.0	119 ± 13.1	84 ± 1.2	157 ± 4.9	159 ± 13.2	165 ± 6.1
333.0	Toxic	101 ± 8.5	146 ± 10.5	160 ± 1.5	143 ± 7.0
1000.0			142 ± 4.9	142 ± 4.3	155 ± 7.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			1114 ± 45.0	1176 ± 54.0	2712 ± 147.0
Positive Control[3]	1417 ± 76.4	1038 ± 40.1			

Experiment Number: **622722**

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

G06: Ames Summary Data

Test Compound: **Triisobutylamine**

CAS Number: **1116-40-1**

Date Report Requested: **09/10/2018**

Time Report Requested: **16:08:11**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	113 ± 12.5
3.3	
10.0	134 ± 6.2
33.0	142 ± 5.8
100.0	143 ± 5.2
333.0	146 ± 7.8
1000.0	144 ± 13.6
Trial Summary	Negative
Positive Control[2]	2110 ± 68.7
Positive Control[3]	

Experiment Number: **622722**

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

G06: Ames Summary Data

Test Compound: **Triisobutylamine**

CAS Number: **1116-40-1**

Date Report Requested: **09/10/2018**

Time Report Requested: **16:08:11**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	13 ± 1.2	19 ± 0.9	13 ± 1.0	23 ± 1.8	15 ± 1.8
3.3	11 ± 1.5	13 ± 1.7			
10.0	13 ± 3.0	13 ± 2.8	11 ± 1.8	16 ± 0.6	12 ± 2.0
33.0	12 ± 2.6	18 ± 1.7	15 ± 1.3	18 ± 2.6	13 ± 1.8
100.0	11 ± 1.2	11 ± 1.0	17 ± 1.2	17 ± 2.2	18 ± 2.3
333.0	9 ± 1.5	Toxic	10 ± 0.9	13 ± 1.2	21 ± 1.7
1000.0			15 ± 1.9	19 ± 1.5	12 ± 0.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			193 ± 10.5	346 ± 25.0	312 ± 16.8
Positive Control[3]	983 ± 64.1	983 ± 60.2			

Experiment Number: **622722**

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

G06: Ames Summary Data

Test Compound: **Triisobutylamine**

CAS Number: **1116-40-1**

Date Report Requested: **09/10/2018**

Time Report Requested: **16:08:11**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	24 ± 1.2
3.3	
10.0	14 ± 2.7
33.0	19 ± 3.3
100.0	13 ± 2.0
333.0	15 ± 0.7
1000.0	20 ± 2.2
Trial Summary	Negative
Positive Control[4]	172 ± 15.8
Positive Control[3]	

Experiment Number: **622722**

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

G06: Ames Summary Data

Test Compound: **Triisobutylamine**

CAS Number: **1116-40-1**

Date Report Requested: **09/10/2018**

Time Report Requested: **16:08:11**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	11 ± 2.3	10 ± 2.3	13 ± 1.0	11 ± 1.0	10 ± 1.5
3.3	16 ± 3.5	4 ± 0.6			
10.0	11 ± 2.3	6 ± 0.9	13 ± 3.5	13 ± 1.5	14 ± 2.8
33.0	11 ± 2.4	7 ± 1.5	15 ± 2.0	17 ± 1.8	12 ± 2.7
100.0	12 ± 0.9	5 ± 1.2	13 ± 2.9	13 ± 1.2	8 ± 2.6
333.0	6 ± 1.5	4 ± 1.5	15 ± 1.5	15 ± 0.9	12 ± 1.2
1000.0			12 ± 4.0	15 ± 3.5	17 ± 7.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			252 ± 23.2	177 ± 6.6	372 ± 30.3
Positive Control[5]	758 ± 40.5	151 ± 19.7			

Experiment Number: **622722**

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

G06: Ames Summary Data

Test Compound: **Triisobutylamine**

CAS Number: **1116-40-1**

Date Report Requested: **09/10/2018**

Time Report Requested: **16:08:11**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	14 ± 0.9
3.3	
10.0	13 ± 0.7
33.0	12 ± 1.7
100.0	11 ± 2.3
333.0	9 ± 1.5
1000.0	13 ± 2.0
Trial Summary	Negative
Positive Control[4]	15 ± 0.7
Positive Control[5]	

Experiment Number: **622722**

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

G06: Ames Summary Data

Test Compound: **Triisobutylamine**

CAS Number: **1116-40-1**

Date Report Requested: **09/10/2018**

Time Report Requested: **16:08:11**

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 ± 0.6	20 ± 5.0	26 ± 2.3	33 ± 3.5	34 ± 4.5
3.3	19 ± 4.0	22 ± 1.8			
10.0	17 ± 1.8	23 ± 4.6	37 ± 3.9	25 ± 0.9	36 ± 3.9
33.0	20 ± 2.7	25 ± 1.9	36 ± 2.6	29 ± 1.5	37 ± 6.1
100.0	16 ± 1.5	27 ± 3.2	33 ± 4.3	32 ± 0.3	40 ± 1.5
333.0	18 ± 0.6	Toxic	29 ± 1.2	29 ± 2.0	34 ± 4.2
1000.0			37 ± 4.7	30 ± 3.5	38 ± 1.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			463 ± 15.3	413 ± 15.0	942 ± 29.6
Positive Control[6]	162 ± 7.1	231 ± 13.9			

Experiment Number: **622722**

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

G06: Ames Summary Data

Test Compound: **Triisobutylamine**

CAS Number: **1116-40-1**

Date Report Requested: **09/10/2018**

Time Report Requested: **16:08:11**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	25 ± 6.2
3.3	
10.0	32 ± 0.9
33.0	31 ± 1.5
100.0	32 ± 0.6
333.0	33 ± 0.9
1000.0	38 ± 5.0
Trial Summary	Negative
Positive Control[2]	1151 ± 105.8
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: 95% Ethanol
2: 1.0 ug/Plate 2-Aminoanthracene
3: 3.3 ug/Plate Sodium Azide
4: 2.0 ug/Plate 2-Aminoanthracene
5: 33.0 ug/Plate 9-Aminoacridine
6: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

** END OF REPORT **