Experiment Number: **199477**

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

G06: Ames Summary Data

Test Compound: **Diisopropylamine**

CAS Number: **108-18-9**

Date Report Requested: **09/14/2018**

Time Report Requested: **08:28:46**

NTP Study Number: 199477

Study Result: Negative

Experiment Number: **199477**

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

G06: Ames Summary Data

Test Compound: **Diisopropylamine**

CAS Number: **108-18-9**

Date Report Requested: **09/14/2018**

Time Report Requested: **08:28:46**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	97 ± 1.7	94 ± 7.6	147 ± 11.2	127 ± 8.0	191 ± 6.7
100.0	90 ± 5.8	86 ± 6.4	143 ± 13.7	118 ± 12.1	176 ± 11.7
333.0	83 ± 1.8	88 ± 5.5	131 ± 13.0	127 ± 7.1	179 ± 7.8
1000.0	81 ± 5.0	89 ± 4.7	116 ± 2.7	103 ± 6.5	165 ± 14.4
3333.0	74 ± 10.4	83 ± 0.9	120 ± 6.0	100 ± 2.3	171 ± 14.3
10000.0	73 ± 0.0	67 ± 4.3	93 ± 1.5	87 ± 2.0	81 ± 4.1
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			2252 ± 102.3	922 ± 77.4	1832 ± 92.9
Positive Control[3]	1401 ± 23.5	1244 ± 13.4			

Experiment Number: **199477**

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

G06: Ames Summary Data

Test Compound: **Diisopropylamine**

CAS Number: **108-18-9**

Date Report Requested: **09/14/2018**

Time Report Requested: **08:28:46**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	170 ± 3.7
100.0	160 ± 8.5
333.0	144 ± 13.4
1000.0	162 ± 17.9
3333.0	133 ± 11.4
10000.0	96 ± 2.0
Trial Summary	Negative
Positive Control[2]	1583 ± 101.6
Positive Control[3]	

Experiment Number: **199477**

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

G06: Ames Summary Data

Test Compound: **Diisopropylamine**

CAS Number: **108-18-9**

Date Report Requested: **09/14/2018**

Time Report Requested: **08:28:46**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	9 ± 2.0	6 ± 2.3	8 ± 0.9	7 ± 1.7	10 ± 2.0
33.0		8 ± 0.0		7 ± 1.0	
100.0	6 ± 0.0	5 ± 0.7	8 ± 1.7	5 ± 0.6	14 ± 1.5
333.0	4 ± 1.2	9 ± 1.7	10 ± 0.3	8 ± 1.2	12 ± 5.2
1000.0	4 ± 0.6	6 ± 0.3	7 ± 1.9	5 ± 0.6	9 ± 2.0
3333.0	3 ± 1.0	6 ± 0.3	5 ± 0.6	2 ± 0.3	8 ± 1.9
10000.0	0 ± 0.0		Toxic		Toxic
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			239 ± 8.7	123 ± 3.7	549 ± 85.2
Positive Control[3]	935 ± 131.1	107 ± 24.2			

Experiment Number: **199477**

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

G06: Ames Summary Data

Test Compound: **Diisopropylamine**

CAS Number: **108-18-9**

Date Report Requested: **09/14/2018**

Time Report Requested: **08:28:46**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	19 ± 2.0
33.0	14 ± 1.7
100.0	18 ± 1.0
333.0	18 ± 2.3
1000.0	21 ± 2.5
3333.0	10 ± 3.8
10000.0	
Trial Summary	Negative
Positive Control[4]	129 ± 15.8
Positive Control[3]	

Experiment Number: **199477**

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

G06: Ames Summary Data

Test Compound: **Diisopropylamine**

CAS Number: **108-18-9**

Date Report Requested: **09/14/2018**

Time Report Requested: **08:28:46**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	7 ± 0.3	9 ± 1.9	8 ± 1.3	10 ± 1.0	11 ± 2.3
33.0		7 ± 0.6		7 ± 1.7	
100.0	3 ± 1.2	6 ± 0.7	9 ± 1.5	8 ± 1.9	15 ± 1.5
333.0	5 ± 0.3	5 ± 1.3	7 ± 1.2	9 ± 0.9	12 ± 1.7
1000.0	6 ± 0.6	5 ± 0.7	7 ± 1.7	8 ± 0.3	5 ± 1.2
3333.0	4 ± 0.3	6 ± 0.6	9 ± 2.5	2 ± 1.0	8 ± 1.3
10000.0	0 ± 0.0		0 ± 0.0		1 ± 1.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]			119 ± 30.3	284 ± 27.0	259 ± 37.8
Positive Control[5]	698 ± 264.4	904 ± 145.4			

Experiment Number: **199477**

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

G06: Ames Summary Data

Test Compound: **Diisopropylamine**

CAS Number: **108-18-9**

Date Report Requested: **09/14/2018**

Time Report Requested: **08:28:46**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	16 ± 3.8
33.0	12 ± 1.5
100.0	19 ± 1.5
333.0	20 ± 2.3
1000.0	20 ± 0.6
3333.0	2 ± 0.7
10000.0	
Trial Summary	Negative
Positive Control[4]	164 ± 13.6
Positive Control[5]	

Experiment Number: **199477**

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

G06: Ames Summary Data

Test Compound: **Diisopropylamine**

CAS Number: **108-18-9**

Date Report Requested: **09/14/2018**

Time Report Requested: **08:28:46**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	13 ± 2.4	15 ± 2.0	29 ± 4.3	19 ± 0.9	37 ± 6.4
33.0				13 ± 1.5	
100.0	18 ± 3.0	8 ± 2.0	30 ± 3.9	11 ± 2.3	39 ± 6.0
333.0	15 ± 0.9	12 ± 4.3	32 ± 5.6	9 ± 2.2	33 ± 6.7
1000.0	20 ± 1.9	11 ± 0.9	30 ± 3.5	16 ± 0.9	41 ± 7.5
3333.0	16 ± 3.2	12 ± 2.2	28 ± 4.2	12 ± 1.2	31 ± 1.8
10000.0	Toxic	0 ± 0.0	0 ± 0.0		0 ± 0.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			1408 ± 29.8	560 ± 47.0	857 ± 3.5
Positive Control[6]	169 ± 13.9	166 ± 21.0			

Experiment Number: **199477**

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

G06: Ames Summary Data

Test Compound: **Diisopropylamine**

CAS Number: **108-18-9**

Date Report Requested: **09/14/2018**

Time Report Requested: **08:28:46**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	30 ± 3.2
33.0	
100.0	32 ± 1.2
333.0	31 ± 5.2
1000.0	30 ± 2.3
3333.0	25 ± 4.5
10000.0	0 ± 0.0
Trial Summary	Negative
Positive Control[2]	1310 ± 172.9
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: Dimethyl Sulfoxide
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 **