

Experiment Number: 517217

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

G06: Ames Summary Data

Test Compound: **Isopropylamine**

CAS Number: **75-31-0**

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

Time Report Requested: **17:14:09**

NTP Study Number:

517217

Study Result:

Negative

Experiment Number: 517217

Test Type: **Genetic Toxicology - Bacterial Mutagenicity****G06: Ames Summary Data**Test Compound: **Isopropylamine**CAS Number: **75-31-0**Date Report Requested: **09/12/2018**Time Report Requested: **17:14:09****Strain: TA100**

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	129 ± 4.6	84 ± 2.2	155 ± 3.5	120 ± 11.7	224 ± 3.5
10.0				111 ± 3.5	224 ± 11.2
33.0	121 ± 4.8	91 ± 14.6		125 ± 7.6	223 ± 4.1
100.0	113 ± 1.5	84 ± 1.5	175 ± 14.1	127 ± 2.7	244 ± 2.4
333.0	115 ± 1.2	84 ± 4.3	156 ± 4.9	138 ± 7.9	242 ± 9.5
1000.0	116 ± 7.4	100 ± 1.8	132 ± 5.6	132 ± 4.2	218 ± 13.7
3333.0	11 ± 10.8	83 ± 1.2	1 ± 0.7		
10000.0			0 ± 0.0		
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			2954 ± 67.0	2404 ± 59.1	1535 ± 52.0
Positive Control ³	1708 ± 144.2	437 ± 36.8			

Experiment Number: 517217

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

G06: Ames Summary Data

Test Compound: **Isopropylamine**

CAS Number: **75-31-0**

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

Time Report Requested: **17:14:09**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	154 ± 8.0	105 ± 7.6	233 ± 11.9
10.0		126 ± 10.7	255 ± 6.3
33.0		145 ± 14.2	300 ± 20.9
100.0	156 ± 2.0	157 ± 11.1	338 ± 27.5
333.0	146 ± 4.3	144 ± 9.6	267 ± 16.7
1000.0	130 ± 6.8	147 ± 14.2	257 ± 27.2
3333.0	0 ± 0.0		
10000.0	0 ± 0.0		
Trial Summary	Negative	Equivocal	Equivocal
Positive Control ²	2110 ± 82.2	1402 ± 94.5	1665 ± 56.7
Positive Control ³			

Experiment Number: 517217

Test Type: **Genetic Toxicology - Bacterial Mutagenicity****G06: Ames Summary Data**Test Compound: **Isopropylamine**CAS Number: **75-31-0**Date Report Requested: **09/12/2018**Time Report Requested: **17:14:09****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 ± 2.3	7 ± 1.5	11 ± 1.0	9 ± 0.9	9 ± 0.6
10.0		8 ± 2.1			
33.0	9 ± 0.7	5 ± 0.9			
100.0	10 ± 2.6	4 ± 0.6	12 ± 0.3	8 ± 1.3	10 ± 0.6
333.0	10 ± 4.1	7 ± 1.2	9 ± 1.5	4 ± 1.8	12 ± 2.4
1000.0	13 ± 0.6	3 ± 0.6	6 ± 2.6	5 ± 0.0	6 ± 2.6
3333.0	2 ± 2.0		10 ± 3.1	2 ± 1.3	6 ± 2.1
10000.0			6 ± 2.8	2 ± 0.6	3 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			234 ± 9.7	85 ± 7.5	339 ± 33.6
Positive Control ³	1078 ± 17.0	58 ± 13.1			

Experiment Number: 517217

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

G06: Ames Summary Data

Test Compound: **Isopropylamine**

CAS Number: **75-31-0**

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

Time Report Requested: **17:14:09**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	7 ± 1.9
10.0	
33.0	
100.0	7 ± 1.3
333.0	8 ± 0.9
1000.0	6 ± 0.9
3333.0	4 ± 0.6
10000.0	3 ± 0.9
Trial Summary	Negative
Positive Control ⁴	129 ± 7.2
Positive Control ³	

Experiment Number: 517217

Test Type: **Genetic Toxicology - Bacterial Mutagenicity****G06: Ames Summary Data**Test Compound: **Isopropylamine**CAS Number: **75-31-0**Date Report Requested: **09/12/2018**Time Report Requested: **17:14:09****Strain: TA1537**

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	9 ± 0.6	8 ± 1.7	17 ± 0.6	5 ± 1.5	12 ± 2.2
10.0				5 ± 0.9	12 ± 1.9
33.0	9 ± 1.5	6 ± 0.9		6 ± 1.0	13 ± 2.3
100.0	8 ± 0.3	8 ± 1.5	17 ± 0.0	10 ± 2.0	16 ± 1.9
333.0	10 ± 1.5	6 ± 0.9	12 ± 1.2	7 ± 1.8	13 ± 3.6
1000.0	10 ± 1.5	5 ± 1.0	15 ± 3.5	6 ± 1.5	14 ± 1.5
3333.0	1 ± 0.9	1 ± 0.3	0 ± 0.0		
10000.0			0 ± 0.0		
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			455 ± 16.9	287 ± 15.5	256 ± 52.9
Positive Control ⁵	345 ± 72.8	250 ± 58.3			

Experiment Number: 517217

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

G06: Ames Summary Data

Test Compound: **Isopropylamine**

CAS Number: **75-31-0**

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

Time Report Requested: **17:14:09**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9	With 10% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	16 ± 1.5	5 ± 0.9	11 ± 1.5
10.0		9 ± 2.5	12 ± 1.9
33.0		7 ± 1.5	12 ± 2.4
100.0	11 ± 1.9	8 ± 2.1	11 ± 1.8
333.0	9 ± 0.6	10 ± 0.9	14 ± 0.3
1000.0	8 ± 1.5	6 ± 1.2	9 ± 2.3
3333.0	1 ± 0.7		
10000.0	0 ± 0.0		
Trial Summary	Negative	Negative	Negative
Positive Control ⁴	356 ± 33.6	114 ± 14.9	214 ± 9.1
Positive Control ⁵			

Experiment Number: 517217

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: Isopropylamine

CAS Number: 75-31-0

Date Report Requested: 09/12/2018

Time Report Requested: 17:14:09

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	21 ± 2.5	21 ± 2.4	32 ± 1.9	18 ± 2.3	32 ± 2.3
33.0	22 ± 3.0	13 ± 1.5		18 ± 1.5	
100.0	25 ± 1.9	14 ± 0.3	34 ± 2.7	14 ± 0.7	30 ± 1.7
333.0	25 ± 0.7	12 ± 1.5	35 ± 2.2	19 ± 2.0	29 ± 1.5
1000.0	23 ± 0.7	18 ± 4.3	26 ± 4.6	16 ± 2.6	25 ± 4.6
3333.0	20 ± 2.4	12 ± 1.2	13 ± 6.2	11 ± 1.0	17 ± 1.5
10000.0			0 ± 0.0		13 ± 2.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			1317 ± 87.4	2191 ± 46.4	1736 ± 97.3
Positive Control ⁶	231 ± 7.7	205 ± 14.7			

Experiment Number: 517217

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

G06: Ames Summary Data

Test Compound: **Isopropylamine**

CAS Number: **75-31-0**

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

Time Report Requested: **17:14:09**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	21 ± 3.8
33.0	
100.0	21 ± 2.2
333.0	20 ± 3.0
1000.0	23 ± 0.6
3333.0	22 ± 1.2
10000.0	17 ± 1.5
Trial Summary	Negative
Positive Control ²	2319 ± 165.8
Positive Control ⁶	

Experiment Number: 517217

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

G06: Ames Summary Data

Test Compound: **Isopropylamine**

CAS Number: **75-31-0**

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

Time Report Requested: **17:14:09**

LEGEND

Values given as Mean or Mean \pm 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: 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 ****