

Experiment Number: 187844

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 11-Aminoundecanoic acid

CAS Number: 2432-99-7

Date Report Requested: 09/14/2018

Time Report Requested: 01:02:08

NTP Study Number:

187844

Study Result:

Negative

Experiment Number: 187844

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 11-Aminoundecanoic acid
CAS Number: 2432-99-7

Date Report Requested: 09/14/2018

Time Report Requested: 01:02:08

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	136 ± 0.3	99 ± 3.5	155 ± 5.2	100 ± 4.6	172 ± 6.5
100.0	151 ± 2.4	144 ± 4.5	132 ± 5.2	116 ± 5.8	137 ± 5.8
333.0	152 ± 6.7	131 ± 11.3	121 ± 7.7	116 ± 6.1	141 ± 7.2
1000.0	132 ± 4.0	133 ± 3.5	125 ± 5.5	103 ± 11.1	138 ± 5.9
3333.0	131 ± 2.6	147 ± 11.2	110 ± 15.9	109 ± 3.1	131 ± 12.1
10000.0	119 ± 5.7	131 ± 10.9	107 ± 12.4	101 ± 6.3	134 ± 9.7
Trial Summary	Negative	Equivocal	Negative	Negative	Negative
Positive Control ²	518 ± 8.7	239 ± 4.3			
Positive Control ³			551 ± 15.1	838 ± 11.3	1211 ± 19.9

Experiment Number: 187844

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 11-Aminoundecanoic acid

CAS Number: 2432-99-7

Date Report Requested: 09/14/2018

Time Report Requested: 01:02:08

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	123 ± 10.6
100.0	130 ± 3.1
333.0	123 ± 18.1
1000.0	130 ± 5.4
3333.0	108 ± 7.4
10000.0	132 ± 6.8
Trial Summary	Negative
Positive Control ²	
Positive Control ³	655 ± 67.7

Experiment Number: 187844

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

Test Compound: 11-Aminoundecanoic acid

CAS Number: 2432-99-7

Date Report Requested: 09/14/2018

Time Report Requested: 01:02:08

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	30 ± 2.1	22 ± 3.1	15 ± 1.9	6 ± 1.0	10 ± 3.1
100.0	33 ± 3.0	46 ± 4.2	10 ± 4.3	13 ± 0.6	8 ± 2.6
333.0	30 ± 3.5	54 ± 6.6	12 ± 2.0	8 ± 0.3	10 ± 3.6
1000.0	21 ± 1.5	55 ± 3.4	6 ± 1.2	13 ± 2.0	16 ± 4.6
3333.0	23 ± 4.3	53 ± 1.0	10 ± 2.4	14 ± 0.9	7 ± 0.3
10000.0	21 ± 1.5	63 ± 1.8	13 ± 4.6	8 ± 2.0	11 ± 3.2
Trial Summary	Negative	Positive	Negative	Negative	Negative
Positive Control ²	526 ± 11.3	245 ± 8.6			
Positive Control ⁴			408 ± 6.8	235 ± 16.5	376 ± 13.2

Experiment Number: 187844
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: 11-Aminoundecanoic acid
CAS Number: 2432-99-7

Date Report Requested: 09/14/2018
Time Report Requested: 01:02:08

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	7 ± 2.3
100.0	9 ± 2.8
333.0	6 ± 1.9
1000.0	12 ± 2.7
3333.0	10 ± 2.7
10000.0	13 ± 2.3
Trial Summary	Negative
Positive Control ²	
Positive Control ⁴	414 ± 22.7

Experiment Number: 187844

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

Test Compound: 11-Aminoundecanoic acid

CAS Number: 2432-99-7

Date Report Requested: 09/14/2018

Time Report Requested: 01:02:08

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	6 ± 1.2	9 ± 3.7	10 ± 1.2	5 ± 0.9	9 ± 1.5
100.0	4 ± 1.0	13 ± 2.6	6 ± 1.5	15 ± 1.3	5 ± 1.0
333.0	7 ± 0.9	15 ± 0.7	6 ± 0.6	7 ± 0.0	7 ± 1.2
1000.0	6 ± 0.7	13 ± 3.0	6 ± 1.2	12 ± 0.0	10 ± 1.2
3333.0	7 ± 2.7	15 ± 1.5	6 ± 0.3	9 ± 3.2	5 ± 2.1
10000.0	5 ± 0.7	15 ± 1.5	10 ± 2.8	10 ± 2.1	7 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			231 ± 25.0	342 ± 11.6	477 ± 28.6
Positive Control ⁵	211 ± 34.4	265 ± 38.2			

Experiment Number: 187844

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 11-Aminoundecanoic acid
CAS Number: 2432-99-7

Date Report Requested: 09/14/2018

Time Report Requested: 01:02:08

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	7 ± 1.2
100.0	11 ± 3.5
333.0	10 ± 1.8
1000.0	9 ± 0.3
3333.0	12 ± 2.1
10000.0	10 ± 4.0
Trial Summary	Negative
Positive Control ⁴	487 ± 13.7
Positive Control ⁵	

Experiment Number: 187844

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 11-Aminoundecanoic acid
CAS Number: 2432-99-7

Date Report Requested: 09/14/2018

Time Report Requested: 01:02:08

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control ¹	20 ± 1.3	19 ± 3.1	34 ± 2.5	21 ± 2.3	30 ± 6.7
100.0	15 ± 3.7	30 ± 1.8	31 ± 3.8	25 ± 2.9	41 ± 0.6
333.0	24 ± 3.2	24 ± 3.0	70 ± 2.2	21 ± 2.9	46 ± 5.2
1000.0	17 ± 0.9	31 ± 3.3	68 ± 3.8	26 ± 3.3	49 ± 9.0
3333.0	28 ± 1.5	30 ± 0.6	55 ± 13.3	26 ± 2.7	45 ± 6.1
10000.0	24 ± 1.5	24 ± 3.9	33 ± 3.7	22 ± 3.3	31 ± 2.4
Trial Summary	Negative	Negative	Equivocal	Negative	Negative
Positive Control ³			393 ± 19.4	567 ± 23.3	1144 ± 19.8
Positive Control ⁶	810 ± 47.1	595 ± 22.1			

Experiment Number: 187844

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 11-Aminoundecanoic acid
CAS Number: 2432-99-7

Date Report Requested: 09/14/2018

Time Report Requested: 01:02:08

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control ¹	29 ± 5.8
100.0	37 ± 4.3
333.0	39 ± 4.7
1000.0	42 ± 8.1
3333.0	42 ± 5.2
10000.0	33 ± 1.3
Trial Summary	Negative
Positive Control ³	1325 ± 36.0
Positive Control ⁶	

Experiment Number: 187844

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

G06: Ames Summary Data

Test Compound: 11-Aminoundecanoic acid

CAS Number: 2432-99-7

Date Report Requested: 09/14/2018

Time Report Requested: 01:02:08

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 Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****