Experiment Number: **274640**

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

G06: Ames Summary Data

Test Compound: **cis-Methyl oleic acid ester**

CAS Number: **112-62-9**

Date Report Requested: **09/11/2018**

Time Report Requested: **09:15:01**

NTP Study Number: 274640

Study Result: Negative

Experiment Number: **274640**

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

G06: Ames Summary Data

Test Compound: **cis-Methyl oleic acid ester**

CAS Number: **112-62-9**

Date Report Requested: **09/11/2018**

Time Report Requested: **09:15:01**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	121 ± 6.5	128 ± 8.2	131 ± 1.2	141 ± 7.3	86 ± 1.7
100.0	133 ± 8.2	128 ± 2.9	135 ± 5.5	140 ± 4.1	119 ± 6.6
333.0	135 ± 5.4	119 ± 12.9	133 ± 2.7	130 ± 6.6	110 ± 6.1
1000.0	124 ± 2.3	123 ± 2.5	129 ± 3.4	136 ± 8.3	128 ± 12.1
3333.0	122 ± 4.0	128 ± 7.6	137 ± 3.8	136 ± 11.9	130 ± 2.2
10000.0	137 ± 1.9[s]	122 ± 0.3[s]	135 ± 8.7	136 ± 4.9	111 ± 5.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					1553 ± 59.0
Positive Control[3]			758 ± 88.0	1234 ± 52.0	
Positive Control[4]	1572 ± 71.5	1322 ± 84.6			

Experiment Number: **274640**

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

G06: Ames Summary Data

Test Compound: **cis-Methyl oleic acid ester**

CAS Number: **112-62-9**

Date Report Requested: **09/11/2018**

Time Report Requested: **09:15:01**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	127 ± 11.0
100.0	156 ± 5.5
333.0	139 ± 10.5
1000.0	132 ± 13.4
3333.0	135 ± 4.4
10000.0	143 ± 6.2
Trial Summary	Negative
Positive Control[2]	2906 ± 201.1
Positive Control[3]	
Positive Control[4]	

Experiment Number: **274640**

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

G06: Ames Summary Data

Test Compound: **cis-Methyl oleic acid ester**

CAS Number: **112-62-9**

Date Report Requested: **09/11/2018**

Time Report Requested: **09:15:01**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	28 ± 1.2	22 ± 1.2	22 ± 1.2	18 ± 3.0	14 ± 3.5
100.0	28 ± 1.7	25 ± 3.5	19 ± 0.9	20 ± 1.9	19 ± 2.2
333.0	27 ± 2.1	21 ± 0.6	16 ± 1.5	19 ± 0.7	19 ± 1.2
1000.0	24 ± 0.7	23 ± 5.0	21 ± 2.0	21 ± 1.0	16 ± 2.6
3333.0	22 ± 4.7	22 ± 2.4	17 ± 2.8	19 ± 2.7	18 ± 3.5
10000.0	19 ± 1.7[s]	19 ± 3.5[s]	19 ± 1.8	15 ± 1.2	16 ± 2.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					111 ± 13.6
Positive Control[3]			107 ± 7.6	62 ± 3.2	
Positive Control[4]	1312 ± 24.6	1027 ± 18.8			

Experiment Number: **274640**

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

G06: Ames Summary Data

Test Compound: **cis-Methyl oleic acid ester**

CAS Number: **112-62-9**

Date Report Requested: **09/11/2018**

Time Report Requested: **09:15:01**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	17 ± 1.9
100.0	20 ± 0.9
333.0	17 ± 3.8
1000.0	18 ± 2.3
3333.0	14 ± 2.6
10000.0	15 ± 1.5
Trial Summary	Negative
Positive Control[2]	135 ± 7.8
Positive Control[3]	
Positive Control[4]	

Experiment Number: **274640**

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

G06: Ames Summary Data

Test Compound: **cis-Methyl oleic acid ester**

CAS Number: **112-62-9**

Date Report Requested: **09/11/2018**

Time Report Requested: **09:15:01**

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 ± 1.5	9 ± 0.7	10 ± 2.7	9 ± 2.6	9 ± 0.9
100.0	6 ± 1.7	6 ± 0.9	9 ± 1.5	7 ± 1.8	13 ± 1.8
333.0	6 ± 1.8	7 ± 0.6	8 ± 2.0	7 ± 0.6	7 ± 1.2
1000.0	8 ± 3.3	7 ± 1.3	5 ± 1.2	6 ± 2.0	9 ± 1.5
3333.0	9 ± 0.9	5 ± 1.2	6 ± 2.0	7 ± 1.0	11 ± 3.7
10000.0	8 ± 1.2[s]	8 ± 0.9[s]	8 ± 0.7	7 ± 2.1	8 ± 1.8[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					175 ± 8.0
Positive Control[3]			47 ± 4.7	89 ± 11.2	
Positive Control[5]	235 ± 33.8	560 ± 20.9			

Experiment Number: **274640**

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

G06: Ames Summary Data

Test Compound: **cis-Methyl oleic acid ester**

CAS Number: **112-62-9**

Date Report Requested: **09/11/2018**

Time Report Requested: **09:15:01**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	6 ± 2.0
100.0	8 ± 1.7
333.0	10 ± 0.6
1000.0	8 ± 0.6
3333.0	8 ± 1.5
10000.0	7 ± 1.3
Trial Summary	Negative
Positive Control[2]	202 ± 26.0
Positive Control[3]	
Positive Control[5]	

Experiment Number: **274640**

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

G06: Ames Summary Data

Test Compound: **cis-Methyl oleic acid ester**

CAS Number: **112-62-9**

Date Report Requested: **09/11/2018**

Time Report Requested: **09:15:01**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	25 ± 2.0	16 ± 2.6	26 ± 0.6	29 ± 0.7	32 ± 3.0
100.0	19 ± 2.0	26 ± 1.3	30 ± 2.3	36 ± 3.4	38 ± 1.7
333.0	19 ± 1.3	21 ± 3.8	33 ± 1.2	26 ± 3.1	40 ± 9.6
1000.0	25 ± 3.8	23 ± 0.9	36 ± 5.5	29 ± 2.4	34 ± 7.0
3333.0	19 ± 1.5	21 ± 0.9	39 ± 0.6	27 ± 3.2	38 ± 1.2
10000.0	23 ± 2.8[s]	17 ± 3.3[s]	34 ± 2.5	27 ± 3.8	38 ± 4.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					1254 ± 105.0
Positive Control[3]			408 ± 30.6	834 ± 47.0	
Positive Control[6]	1769 ± 52.3	1378 ± 30.6			

Experiment Number: **274640**

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

G06: Ames Summary Data

Test Compound: **cis-Methyl oleic acid ester**

CAS Number: **112-62-9**

Date Report Requested: **09/11/2018**

Time Report Requested: **09:15:01**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	37 ± 2.6
100.0	34 ± 2.5
333.0	28 ± 2.7
1000.0	36 ± 3.6
3333.0	35 ± 1.5
10000.0	32 ± 2.1
Trial Summary	Negative
Positive Control[2]	2312 ± 97.5
Positive Control[3]	
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: 0.75 ug/Plate 2-Aminoanthracene
3: 1.5 ug/Plate 2-Aminoanthracene
4: 2.5 ug/Plate Sodium Azide
5: 80.0 ug/Plate 9-Aminoacridine
6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine
s: Slight Toxicity

** END OF REPORT **