Experiment Number: **G20239**

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

G06: Ames Summary Data

Test Compound: **2-Ethylhexyl p-Methoxycinnamate**

CAS Number: **5466-77-3**

Date Report Requested: **09/16/2018**

Time Report Requested: **10:53:53**

NTP Study Number: G20239

Study Result: Negative

Experiment Number: **G20239**

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

G06: Ames Summary Data

Test Compound: **2-Ethylhexyl p-Methoxycinnamate**

CAS Number: **5466-77-3**

Date Report Requested: **09/16/2018**

Time Report Requested: **10:53:53**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	92 ± 1.9	88 ± 7.3	82 ± 4.1	83 ± 5.6	94 ± 2.7
10.0			76 ± 5.2		
12.5	91 ± 6.3	76 ± 3.7		104 ± 4.7	99 ± 3.1
50.0	87 ± 10.8	69 ± 3.9		97 ± 5.8	98 ± 8.4
100.0			81 ± 4.8		
125.0	89 ± 4.6	69 ± 4.5		84 ± 4.4	113 ± 2.2
500.0	94 ± 3.2[p]	73 ± 1.5	99 ± 11.4	82 ± 4.4	96 ± 6.0
1000.0			82 ± 3.5		
1500.0	96 ± 3.0[p]	94 ± 5.9[p]		96 ± 7.3[p]	84 ± 6.6[p]
3000.0			93 ± 6.9[p]		
6000.0	108 ± 5.2[p]	88 ± 7.7[p]		83 ± 8.7[p]	82 ± 5.0[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	668 ± 17.8	871 ± 35.7			
Positive Control[3]				1715 ± 198.7	1783 ± 111.5
Positive Control[4]			448 ± 19.2		

Experiment Number: **G20239**

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

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Test Compound: **2-Ethylhexyl p-Methoxycinnamate**

CAS Number: **5466-77-3**

Date Report Requested: **09/16/2018**

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Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	24 ± 3.0	32 ± 1.9	29 ± 2.6	39 ± 3.8
10.0				
12.5	22 ± 1.2	30 ± 3.5	26 ± 1.5	22 ± 2.9
50.0	20 ± 0.9	33 ± 2.3	27 ± 3.8	37 ± 4.6
100.0				
125.0	29 ± 3.8	21 ± 2.9	37 ± 1.5	33 ± 0.9
500.0	20 ± 4.2[p]	26 ± 1.2	23 ± 3.5	36 ± 5.2
1000.0				
1500.0	30 ± 2.8[p]	36 ± 1.9[p]	24 ± 1.2[p]	34 ± 3.7[p]
6000.0	21 ± 0.3[p]	28 ± 3.8[p]	19 ± 4.1[p]	23 ± 1.2[p]
Trial Summary	Negative	Negative	Negative	Negative
Positive Control[5]			1236 ± 50.1	1228 ± 35.3
Positive Control[6]	362 ± 17.1	440 ± 13.0		

Experiment Number: **G20239**

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

G06: Ames Summary Data

Test Compound: **2-Ethylhexyl p-Methoxycinnamate**

CAS Number: **5466-77-3**

Date Report Requested: **09/16/2018**

Time Report Requested: **10:53:53**

Strain: E. coli WP2 uvrA pKM101

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control[1]	105 ± 9.1	149 ± 2.3	172 ± 15.9	177 ± 9.2
10.0				
12.5	115 ± 5.1	158 ± 7.4	154 ± 1.2	175 ± 6.2
50.0	124 ± 7.5	133 ± 5.0	151 ± 7.6	186 ± 2.6
100.0				
125.0	125 ± 2.8	146 ± 5.0	160 ± 2.7	179 ± 11.0
500.0	110 ± 5.5[p]	137 ± 3.0	158 ± 10.2	165 ± 5.9
1000.0				
1500.0	118 ± 7.0[p]	158 ± 1.5[p]	141 ± 2.1[p]	175 ± 5.5[p]
6000.0	127 ± 6.0[p]	138 ± 13.4[p]	119 ± 7.6[p]	117 ± 5.1[p]
Trial Summary	Negative	Negative	Negative	Negative
Positive Control[7]				
Positive Control[8]			918 ± 28.3	863 ± 28.0
Positive Control[9]	875 ± 40.2	762 ± 19.9		

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 Sodium Azide
3: 2.5 ug/Plate 2-Aminoanthracene
4: 5.0 ug/Plate 2-Aminoanthracene
5: 2.0 ug/Plate 2-Aminoanthracene
6: 3.0 ug/Plate 2-Nitrofluorene
7: 10.0 ug/Plate 2-Aminoanthracene
8: 20.0 ug/Plate 2-Aminoanthracene
9: 100.0 ug/Plate Methyl Methane Sulfonate
p: Precipitate

** END OF REPORT **