Experiment Number: **A03722**

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

G06: Ames Summary Data

Test Compound: **Ethyl cyanoacrylate**

CAS Number: **7085-85-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **15:04:32**

NTP Study Number: A03722

Study Result: Negative

Experiment Number: **A03722**

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

G06: Ames Summary Data

Test Compound: **Ethyl cyanoacrylate**

CAS Number: **7085-85-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **15:04:32**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9
Vehicle Control[1]	113 ± 2.1	137 ± 4.7	120 ± 2.6	140 ± 11.7	124 ± 4.7
33.0		145 ± 2.0			
100.0	114 ± 8.1	155 ± 7.0	119 ± 2.5	138 ± 4.4	122 ± 4.7
333.0	108 ± 0.3	150 ± 7.3	115 ± 0.3	143 ± 1.9	124 ± 2.9
666.0			118 ± 2.4		
1000.0	108 ± 3.6	256 ± 9.8	115 ± 3.3	127 ± 2.7	124 ± 2.9
1666.0			114 ± 3.2		
3333.0	113 ± 2.3[p]	140 ± 5.8[p]	114 ± 2.9[p]	143 ± 5.8[p]	123 ± 6.3[p]
6666.0	68 ± 17.7[p]				
10000.0				61 ± 9.3[p]	109 ± 3.6[p]
Trial Summary	Negative	Equivocal	Negative	Negative	Negative
Positive Control[2]					
Positive Control[3]				403 ± 10.5	
Positive Control[4]	891 ± 54.0	900 ± 23.7	910 ± 17.0		
Positive Control[5]					364 ± 13.6

Experiment Number: **A03722**

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Time Report Requested: **15:04:32**

Strain: TA100

Dose (ug/Plate)	With 5% Hamster S9	With 10% Hamster S9	With 10% Hamster S9	With 30% Hamster S9
Vehicle Control[1]	116 ± 4.9	151 ± 3.5	121 ± 4.3	127 ± 4.3
33.0				
100.0	119 ± 1.2	152 ± 4.4	122 ± 2.1	124 ± 3.1
333.0	115 ± 3.8	152 ± 5.8	116 ± 0.9	126 ± 2.4
666.0	116 ± 5.0		116 ± 3.5	
1000.0	115 ± 4.0	133 ± 15.7	109 ± 10.7	121 ± 2.8
1666.0	109 ± 3.5		117 ± 4.1	
3333.0	120 ± 2.3[p]	224 ± 7.5[p]	122 ± 1.5[p]	115 ± 6.7[p]
6666.0				
10000.0		112 ± 2.7[p]		117 ± 1.2[p]
Trial Summary	Negative	Equivocal	Negative	Negative
Positive Control[2]	472 ± 6.7	465 ± 16.7	433 ± 12.7	
Positive Control[3]				352 ± 10.0
Positive Control[4]				
Positive Control[5]				

Experiment Number: **A03722**

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

G06: Ames Summary Data

Test Compound: **Ethyl cyanoacrylate**

CAS Number: **7085-85-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **15:04:32**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	13 ± 0.9	11 ± 0.9	15 ± 1.2	11 ± 0.9	15 ± 1.5
0.0					
33.0	11 ± 0.9	12 ± 0.9			
100.0	10 ± 1.2	11 ± 1.2	11 ± 1.5	15 ± 2.0	12 ± 0.9
333.0	12 ± 0.7	10 ± 1.7	16 ± 0.6	12 ± 1.5	14 ± 1.0
1000.0	10 ± 2.3	12 ± 0.3	12 ± 1.2	10 ± 0.6	14 ± 0.6
3333.0	9 ± 1.5[p]	9 ± 1.0[p]	13 ± 1.2[p]	11 ± 1.0[p]	16 ± 1.2[p]
10000.0			9 ± 2.7[p]	9 ± 1.5[p]	9 ± 1.5[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]					378 ± 13.9
Positive Control[4]	945 ± 26.4	808 ± 20.8			
Positive Control[5]			208 ± 6.8		
Positive Control[6]				131 ± 3.5	

Experiment Number: **A03722**

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

G06: Ames Summary Data

Test Compound: **Ethyl cyanoacrylate**

CAS Number: **7085-85-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **15:04:32**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	14 ± 1.2
0.0	0 ± 0.0
33.0	
100.0	14 ± 1.5
333.0	14 ± 0.6
1000.0	11 ± 3.3
3333.0	11 ± 0.6[p]
10000.0	10 ± 1.0[p]
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	
Positive Control[5]	206 ± 8.2
Positive Control[6]	

Experiment Number: **A03722**

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

G06: Ames Summary Data

Test Compound: **Ethyl cyanoacrylate**

CAS Number: **7085-85-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **15:04:32**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	135 ± 4.3	151 ± 4.9	173 ± 6.5	155 ± 4.6	179 ± 3.2
33.0	137 ± 0.3	145 ± 4.0			
100.0	151 ± 4.2	160 ± 2.0	166 ± 11.0	159 ± 7.7	165 ± 5.4
333.0	144 ± 7.8	160 ± 7.2	172 ± 2.6	168 ± 9.2	161 ± 3.8
1000.0	148 ± 1.9	151 ± 1.0	167 ± 4.0	148 ± 12.8	163 ± 2.7
3333.0	150 ± 9.1[p]	151 ± 7.5[p]	174 ± 6.1[p]	165 ± 6.3[p]	180 ± 5.2[p]
10000.0			107 ± 26.6[p]	158 ± 6.1[p]	117 ± 3.6[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					461 ± 19.3
Positive Control[3]			406 ± 10.1		
Positive Control[5]				527 ± 29.2	
Positive Control[7]	343 ± 22.2	416 ± 17.6			

Experiment Number: **A03722**

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

G06: Ames Summary Data

Test Compound: **Ethyl cyanoacrylate**

CAS Number: **7085-85-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **15:04:32**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	144 ± 8.6
33.0	
100.0	150 ± 2.8
333.0	151 ± 9.1
1000.0	151 ± 10.6
3333.0	155 ± 5.7[p]
10000.0	152 ± 6.0[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	527 ± 7.8
Positive Control[5]	
Positive Control[7]	

Experiment Number: **A03722**

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

G06: Ames Summary Data

Test Compound: **Ethyl cyanoacrylate**

CAS Number: **7085-85-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **15:04:32**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	15 ± 1.2	15 ± 1.0	22 ± 1.8	17 ± 2.2	21 ± 1.8
33.0		17 ± 1.8			
100.0	15 ± 0.9	15 ± 1.5	19 ± 3.2	17 ± 0.6	16 ± 3.8
333.0	19 ± 0.9	17 ± 2.3	20 ± 3.2	18 ± 0.6	19 ± 1.0
1000.0	15 ± 2.1	16 ± 1.2	17 ± 1.5	21 ± 0.3	20 ± 0.9
3333.0	18 ± 1.5[p]	10 ± 0.3[p]	22 ± 3.2[p]	19 ± 0.7[p]	21 ± 0.9[p]
6666.0	3 ± 0.6[p]				
10000.0			8 ± 2.4[p]	9 ± 1.7[p]	9 ± 0.7[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					424 ± 15.3
Positive Control[3]			377 ± 15.7		
Positive Control[8]	377 ± 24.4	355 ± 15.2			
Positive Control[5]				248 ± 23.3	

Experiment Number: **A03722**

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

G06: Ames Summary Data

Test Compound: **Ethyl cyanoacrylate**

CAS Number: **7085-85-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **15:04:32**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	19 ± 2.0
33.0	
100.0	20 ± 0.9
333.0	20 ± 1.0
1000.0	17 ± 2.1
3333.0	14 ± 1.3[p]
6666.0	
10000.0	17 ± 1.5[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	232 ± 19.2
Positive Control[8]	
Positive Control[5]	

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: 2.0 ug/Plate 2-Aminoanthracene
4: 5.0 ug/Plate Sodium Azide
5: 5.0 ug/Plate 2-Aminoanthracene
6: 10.0 ug/Plate 2-Aminoanthracene
7: 50.0 ug/Plate 9-Aminoacridine
8: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine
p: Precipitate

** END OF REPORT **