Experiment Number: **A81251**

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

G06: Ames Summary Data

Test Compound: **Allura red C.I.16035**

CAS Number: **25956-17-6**

Date Report Requested: **09/17/2018**

Time Report Requested: **23:58:01**

NTP Study Number: A81251

Study Result: Negative

Experiment Number: **A81251**

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

G06: Ames Summary Data

Test Compound: **Allura red C.I.16035**

CAS Number: **25956-17-6**

Date Report Requested: **09/17/2018**

Time Report Requested: **23:58:01**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	111 ± 9.5	123 ± 2.7	138 ± 4.7	126 ± 2.3	116 ± 6.4
100.0	118 ± 16.9	134 ± 6.3	126 ± 3.7	138 ± 7.3	128 ± 1.5
333.0	123 ± 7.8	120 ± 5.0	134 ± 5.3	136 ± 3.3	134 ± 11.3
1000.0	105 ± 4.6	123 ± 6.1	122 ± 10.5	132 ± 5.7	136 ± 4.9
3333.0	127 ± 3.8	133 ± 4.2	125 ± 3.5	126 ± 3.2	119 ± 5.5
10000.0	122 ± 5.3	110 ± 5.5	136 ± 10.2	116 ± 8.0	126 ± 8.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					592 ± 7.9
Positive Control[3]			548 ± 16.5		
Positive Control[4]	845 ± 23.7	861 ± 20.1			
Positive Control[5]				483 ± 10.7	

Experiment Number: **A81251**

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

G06: Ames Summary Data

Test Compound: **Allura red C.I.16035**

CAS Number: **25956-17-6**

Date Report Requested: **09/17/2018**

Time Report Requested: **23:58:01**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	120 ± 5.0
100.0	119 ± 9.1
333.0	120 ± 5.8
1000.0	131 ± 2.9
3333.0	137 ± 4.7
10000.0	116 ± 6.0
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	544 ± 17.6
Positive Control[4]	
Positive Control[5]	

Experiment Number: **A81251**

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

G06: Ames Summary Data

Test Compound: **Allura red C.I.16035**

CAS Number: **25956-17-6**

Date Report Requested: **09/17/2018**

Time Report Requested: **23:58:01**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	10 ± 1.0	12 ± 1.5	14 ± 1.9	11 ± 1.2	13 ± 1.5
100.0	10 ± 0.3	10 ± 0.9	10 ± 0.9	10 ± 0.0	9 ± 0.7
333.0	10 ± 1.2	9 ± 0.6	13 ± 3.0	10 ± 0.7	8 ± 0.7
1000.0	10 ± 0.3	10 ± 2.1	13 ± 1.3	11 ± 2.3	11 ± 1.3
3333.0	9 ± 0.3	9 ± 0.6	12 ± 2.0	9 ± 0.9	10 ± 1.2
10000.0	9 ± 0.3	10 ± 0.6	10 ± 1.0	10 ± 1.0	11 ± 2.0
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]					142 ± 4.9
Positive Control[4]	890 ± 19.6	857 ± 11.9			
Positive Control[5]			117 ± 7.5		
Positive Control[6]				90 ± 6.7	

Experiment Number: **A81251**

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

G06: Ames Summary Data

Test Compound: **Allura red C.I.16035**

CAS Number: **25956-17-6**

Date Report Requested: **09/17/2018**

Time Report Requested: **23:58:01**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	12 ± 1.2
100.0	11 ± 0.7
333.0	11 ± 0.9
1000.0	9 ± 0.3
3333.0	12 ± 1.2
10000.0	11 ± 2.5
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	
Positive Control[5]	94 ± 5.4
Positive Control[6]	

Experiment Number: **A81251**

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

G06: Ames Summary Data

Test Compound: **Allura red C.I.16035**

CAS Number: **25956-17-6**

Date Report Requested: **09/17/2018**

Time Report Requested: **23:58:01**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	140 ± 6.5	163 ± 9.7	189 ± 11.1	165 ± 8.6	178 ± 3.2
100.0	148 ± 11.0	161 ± 8.8	194 ± 3.5	164 ± 3.2	191 ± 3.2
333.0	140 ± 2.5	158 ± 14.7	184 ± 8.5	170 ± 10.8	163 ± 3.7
1000.0	154 ± 3.8	167 ± 5.5	178 ± 5.2	164 ± 17.7	165 ± 8.5
3333.0	131 ± 4.2	138 ± 6.1	199 ± 0.3	165 ± 12.3	180 ± 16.0
10000.0	120 ± 3.8	163 ± 21.8	192 ± 9.5	171 ± 2.1	183 ± 20.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					565 ± 22.6
Positive Control[3]			541 ± 13.5		
Positive Control[5]				510 ± 7.0	
Positive Control[7]	426 ± 16.4	458 ± 5.6			

Experiment Number: **A81251**

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

G06: Ames Summary Data

Test Compound: **Allura red C.I.16035**

CAS Number: **25956-17-6**

Date Report Requested: **09/17/2018**

Time Report Requested: **23:58:01**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	167 ± 15.1
100.0	175 ± 7.2
333.0	164 ± 3.0
1000.0	176 ± 6.4
3333.0	164 ± 8.7
10000.0	156 ± 15.6
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	631 ± 24.1
Positive Control[5]	
Positive Control[7]	

Experiment Number: **A81251**

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

G06: Ames Summary Data

Test Compound: **Allura red C.I.16035**

CAS Number: **25956-17-6**

Date Report Requested: **09/17/2018**

Time Report Requested: **23:58:01**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	25 ± 2.6	21 ± 3.8	26 ± 0.9	25 ± 2.3	27 ± 2.7
3.0					
10.0					
33.0					
100.0	21 ± 2.0	20 ± 2.6	21 ± 2.0	29 ± 4.4	22 ± 2.1
333.0	17 ± 0.0	18 ± 0.6	17 ± 2.6	30 ± 4.4	26 ± 2.5
1000.0	10 ± 0.9	19 ± 0.9	23 ± 2.7	31 ± 4.0	25 ± 2.8
3333.0	13 ± 1.5	23 ± 1.7	18 ± 2.2	29 ± 2.4	24 ± 1.3
10000.0	21 ± 0.9	22 ± 3.5	24 ± 4.0	24 ± 3.3	22 ± 2.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					445 ± 18.6
Positive Control[3]			350 ± 28.9		
Positive Control[8]	410 ± 14.6	322 ± 10.1			
Positive Control[5]				644 ± 51.2	
Positive Control[9]					

Experiment Number: **A81251**

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

G06: Ames Summary Data

Test Compound: **Allura red C.I.16035**

CAS Number: **25956-17-6**

Date Report Requested: **09/17/2018**

Time Report Requested: **23:58:01**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	27 ± 2.4
3.0	
10.0	
33.0	
100.0	33 ± 7.5
333.0	27 ± 3.0
1000.0	22 ± 4.4
3333.0	27 ± 3.3
10000.0	20 ± 2.6
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	558 ± 16.2
Positive Control[8]	
Positive Control[5]	
Positive Control[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: Water
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
9: 100.0 ug/Plate Solvent

** END OF REPORT **