Experiment Number: **943113**

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

G06: Ames Summary Data

Test Compound: **C.I. Solvent black 7**

CAS Number: **8005-02-5**

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

Time Report Requested: **12:53:27**

NTP Study Number: 943113

Study Result: Negative

Experiment Number: **943113**

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

G06: Ames Summary Data

Test Compound: **C.I. Solvent black 7**

CAS Number: **8005-02-5**

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

Time Report Requested: **12:53:27**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	92 ± 6.4	89 ± 4.4	127 ± 8.2	134 ± 4.1	118 ± 9.5
100.0	90 ± 7.1	92 ± 6.8	126 ± 13.6	128 ± 6.0	136 ± 14.3
333.0	112 ± 0.3[p]	90 ± 1.5[p]	124 ± 16.7[p]	113 ± 6.4[p]	109 ± 3.8[p]
1000.0	85 ± 2.0[p]	101 ± 2.2[p]	117 ± 7.8[p]	100 ± 0.6[p]	105 ± 10.1[p]
3333.0	81 ± 3.8[p]	59 ± 30.7[p]	133 ± 15.1[p]	98 ± 3.8[p]	126 ± 15.7[p]
10000.0	81 ± 1.2[p]	97 ± 1.5[p]	137 ± 0.5[p]	118 ± 0.9[p]	119 ± 6.4[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					659 ± 23.3
Positive Control[3]			504 ± 29.6		
Positive Control[4]	563 ± 26.1	393 ± 13.1			
Positive Control[5]				606 ± 19.7	

Experiment Number: **943113**

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

G06: Ames Summary Data

Test Compound: **C.I. Solvent black 7**

CAS Number: **8005-02-5**

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

Time Report Requested: **12:53:27**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	116 ± 9.5
100.0	123 ± 11.0
333.0	102 ± 7.2[p]
1000.0	97 ± 2.5[p]
3333.0	102 ± 6.5[p]
10000.0	131 ± 3.5[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	544 ± 33.9
Positive Control[4]	
Positive Control[5]	

Experiment Number: **943113**

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

G06: Ames Summary Data

Test Compound: **C.I. Solvent black 7**

CAS Number: **8005-02-5**

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

Time Report Requested: **12:53:27**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	17 ± 2.7	13 ± 0.7	10 ± 2.4	13 ± 0.6	9 ± 0.7
100.0	19 ± 1.5	13 ± 2.8	7 ± 1.2	14 ± 0.7	5 ± 1.9
333.0	17 ± 3.0[p]	14 ± 1.5[p]	8 ± 2.0[p]	15 ± 3.5[p]	6 ± 1.5[p]
1000.0	17 ± 0.7[p]	13 ± 0.6[p]	7 ± 1.2[p]	14 ± 1.5[p]	6 ± 0.9[p]
3333.0	10 ± 2.6[p]	7 ± 1.7[p]	9 ± 2.2[p]	14 ± 2.1[p]	10 ± 2.5[p]
10000.0	12 ± 1.9[p]	9 ± 0.3[p]	9 ± 1.2[p]	13 ± 1.5[p]	8 ± 1.7[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]	428 ± 21.9	370 ± 13.9			
Positive Control[5]			289 ± 27.7		303 ± 9.5
Positive Control[6]				187 ± 12.5	

Experiment Number: **943113**

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

G06: Ames Summary Data

Test Compound: **C.I. Solvent black 7**

CAS Number: **8005-02-5**

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

Time Report Requested: **12:53:27**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	13 ± 3.0
100.0	11 ± 2.2
333.0	8 ± 2.3[p]
1000.0	10 ± 0.3[p]
3333.0	5 ± 2.7[p]
10000.0	10 ± 1.2[p]
Trial Summary	Negative
Positive Control[4]	
Positive Control[5]	459 ± 37.3
Positive Control[6]	

Experiment Number: **943113**

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

G06: Ames Summary Data

Test Compound: **C.I. Solvent black 7**

CAS Number: **8005-02-5**

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

Time Report Requested: **12:53:27**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	4 ± 1.2	6 ± 1.9	5 ± 0.3	9 ± 4.0	12 ± 1.2
100.0	7 ± 2.7	5 ± 1.2	7 ± 2.0	9 ± 2.7	9 ± 0.3
333.0	4 ± 0.3[p]	5 ± 1.7[p]	7 ± 0.6[p]	11 ± 1.5[p]	10 ± 2.2[p]
1000.0	4 ± 1.5[p]	5 ± 1.8[p]	6 ± 0.3[p]	7 ± 0.7[p]	5 ± 1.8[p]
3333.0	5 ± 1.5[p]	5 ± 0.0[p]	7 ± 1.2[p]	7 ± 0.6[p]	9 ± 2.6[p]
10000.0	6 ± 0.9[p]	5 ± 0.3[p]	6 ± 0.7[p]	4 ± 0.3[p]	9 ± 2.1[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					78 ± 6.7
Positive Control[3]			52 ± 1.5		
Positive Control[5]				53 ± 0.6	
Positive Control[7]	305 ± 22.6	416 ± 43.7			

Experiment Number: **943113**

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

G06: Ames Summary Data

Test Compound: **C.I. Solvent black 7**

CAS Number: **8005-02-5**

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

Time Report Requested: **12:53:27**

Strain: TA1537

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	12 ± 1.5
100.0	10 ± 1.5
333.0	9 ± 1.8[p]
1000.0	6 ± 0.3[p]
3333.0	5 ± 0.9[p]
10000.0	10 ± 1.5[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	47 ± 3.2
Positive Control[5]	
Positive Control[7]	

Experiment Number: **943113**

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

G06: Ames Summary Data

Test Compound: **C.I. Solvent black 7**

CAS Number: **8005-02-5**

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

Time Report Requested: **12:53:27**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	155 ± 13.6	151 ± 10.3	151 ± 10.3	154 ± 2.0	167 ± 9.4
100.0	168 ± 2.7	157 ± 6.3	197 ± 18.7	144 ± 12.0	168 ± 11.5
333.0	188 ± 1.8[p]	183 ± 15.3[p]	225 ± 5.8[p]	97 ± 14.6[p]	166 ± 5.3[p]
1000.0	148 ± 4.5[p]	158 ± 4.6[p]	182 ± 2.5[p]	145 ± 11.0[p]	185 ± 16.8[p]
3333.0	135 ± 1.2[p]	155 ± 6.7[p]	175 ± 6.4[p]	135 ± 6.2[p]	181 ± 3.5[p]
10000.0	149 ± 2.0[p]	156 ± 7.4[p]	186 ± 14.2[p]	104 ± 11.3[p]	165 ± 7.4[p]
Trial Summary	Negative	Negative	Equivocal	Negative	Negative
Positive Control[2]					474 ± 20.5
Positive Control[3]			480 ± 8.7		
Positive Control[5]				351 ± 7.9	
Positive Control[7]	829 ± 22.8	821 ± 13.2			

Experiment Number: **943113**

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

G06: Ames Summary Data

Test Compound: **C.I. Solvent black 7**

CAS Number: **8005-02-5**

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

Time Report Requested: **12:53:27**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	103 ± 6.5
100.0	122 ± 20.0
333.0	118 ± 4.6[p]
1000.0	121 ± 9.9[p]
3333.0	117 ± 17.5[p]
10000.0	70 ± 36.0[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	414 ± 25.2
Positive Control[5]	
Positive Control[7]	

Experiment Number: **943113**

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

G06: Ames Summary Data

Test Compound: **C.I. Solvent black 7**

CAS Number: **8005-02-5**

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

Time Report Requested: **12:53:27**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	17 ± 1.0	19 ± 2.1	23 ± 2.8	26 ± 1.5	24 ± 2.1
100.0	18 ± 2.9	15 ± 1.5	35 ± 4.3	46 ± 4.8	30 ± 2.6
333.0	17 ± 1.7[p]	14 ± 0.9[p]	29 ± 3.2[p]	36 ± 6.2[p]	25 ± 4.4[p]
1000.0	10 ± 1.7[p]	14 ± 1.9[p]	20 ± 2.3[p]	23 ± 3.0[p]	18 ± 2.2[p]
3333.0	9 ± 0.6[p]	10 ± 3.0[p]	20 ± 2.8[p]	28 ± 3.0[p]	21 ± 2.5[p]
10000.0	7 ± 2.5[p]	9 ± 1.2[p]	32 ± 1.8[p]	38 ± 2.7[p]	31 ± 4.0[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					499 ± 39.3
Positive Control[3]			316 ± 45.7	108 ± 8.7	
Positive Control[8]	698 ± 50.8	624 ± 29.9			

Experiment Number: **943113**

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

G06: Ames Summary Data

Test Compound: **C.I. Solvent black 7**

CAS Number: **8005-02-5**

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

Time Report Requested: **12:53:27**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	23 ± 2.0
100.0	28 ± 2.3
333.0	29 ± 2.7[p]
1000.0	23 ± 4.4[p]
3333.0	22 ± 2.4[p]
10000.0	30 ± 3.5[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	376 ± 14.1
Positive Control[8]	

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: 0.5 ug/Plate 2-Aminoanthracene
3: 1.0 ug/Plate 2-Aminoanthracene
4: 1.0 ug/Plate Sodium Azide
5: 2.5 ug/Plate 2-Aminoanthracene
6: 5.0 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 **