Experiment Number: **063762**

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

G06: Ames Summary Data

Test Compound: **C.I. Pigment red 2**

CAS Number: **6041-94-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:49:18**

NTP Study Number: 063762

Study Result: Weakly Positive

Experiment Number: **063762**

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

G06: Ames Summary Data

Test Compound: **C.I. Pigment red 2**

CAS Number: **6041-94-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:49:18**

Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control[1]	90 ± 3.5	104 ± 3.9	97 ± 7.1
33.0	83 ± 3.4	111 ± 3.4	108 ± 3.8
100.0	86 ± 3.0	105 ± 2.3	106 ± 8.7
333.0	90 ± 3.3[p]	98 ± 5.5[p]	103 ± 6.1[p]
1000.0	84 ± 3.1[p]	124 ± 6.6[p]	117 ± 3.8[p]
3333.0	77 ± 6.8[p]	118 ± 6.6[p]	130 ± 2.6[p]
Trial Summary	Negative	Negative	Equivocal
Positive Control[2]	348 ± 13.9		
Positive Control[3]			344 ± 14.9
Positive Control[4]		255 ± 9.0	

Experiment Number: **063762**

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

G06: Ames Summary Data

Test Compound: **C.I. Pigment red 2**

CAS Number: **6041-94-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:49:18**

Strain: TA1538

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	17 ± 3.8
33.0	23 ± 4.1
100.0	15 ± 1.5
333.0	28 ± 2.9
1000.0	34 ± 1.5[p]
3333.0	43 ± 4.4[x]
Trial Summary	Weakly Positive
Positive Control[5]	80 ± 7.8

Experiment Number: **063762**

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

G06: Ames Summary Data

Test Compound: **C.I. Pigment red 2**

CAS Number: **6041-94-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:49:18**

Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 10% Hamster S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control[1]	13 ± 1.9	17 ± 3.2	30 ± 2.3	17 ± 2.0	25 ± 0.3
33.0	12 ± 1.5	18 ± 1.8	29 ± 0.7	14 ± 1.5	26 ± 4.1
100.0	17 ± 1.7	18 ± 1.2	31 ± 3.7	21 ± 5.7	42 ± 2.4
333.0	16 ± 0.6[p]	22 ± 2.9[p]	36 ± 3.3	29 ± 4.9[p]	43 ± 5.0[p]
1000.0	13 ± 2.1[p]	25 ± 0.9[p]	36 ± 1.5[p]	31 ± 3.5[p]	38 ± 3.8[p]
3333.0	19 ± 3.5[p]	26 ± 5.2[p]	42 ± 2.2[p]	41 ± 1.9[p]	51 ± 3.8[p]
Trial Summary	Negative	Negative	Negative	Weakly Positive	Weakly Positive
Positive Control[6]			64 ± 2.6		
Positive Control[5]				79 ± 1.3	54 ± 10.4
Positive Control[3]		73 ± 1.7			
Positive Control[7]	151 ± 1.2				

Experiment Number: **063762**

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

G06: Ames Summary Data

Test Compound: **C.I. Pigment red 2**

CAS Number: **6041-94-7**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:49:18**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	31 ± 0.7
33.0	27 ± 1.7
100.0	36 ± 8.2
333.0	32 ± 3.5
1000.0	37 ± 4.0[p]
3333.0	42 ± 1.3[x]
Trial Summary	Negative
Positive Control[6]	
Positive Control[5]	79 ± 5.6
Positive Control[3]	
Positive Control[7]	

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 Sodium Azide
3: 1.0 ug/Plate 2-Aminoanthracene
4: 2.0 ug/Plate 2-Aminoanthracene
5: 0.4 ug/Plate 2-Aminoanthracene
6: 0.2 ug/Plate 2-Aminoanthracene
7: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine
p: Precipitate
x: Slight Toxicity and Precipitate

** END OF REPORT **