Experiment Number: **276346**

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

G06: Ames Summary Data

Test Compound: **p-Phenetidine**

CAS Number: **156-43-4**

Date Report Requested: **09/11/2018**

Time Report Requested: **09:26:31**

NTP Study Number: 276346

Study Result: Positive

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

G06: Ames Summary Data

Test Compound: **p-Phenetidine**

CAS Number: **156-43-4**

Date Report Requested: **09/11/2018**

Time Report Requested: **09:26:31**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Rat S9
Vehicle Control[1]	84 ± 8.5	77 ± 2.8	97 ± 4.9	107 ± 17.5	83 ± 1.2
33.0				141 ± 9.5	184 ± 11.5
100.0	74 ± 3.3	88 ± 2.0	159 ± 11.3	229 ± 24.8	272 ± 13.5
333.0	81 ± 2.3	72 ± 5.0	187 ± 11.6	209 ± 7.2	398 ± 12.8
1000.0	112 ± 4.5	86 ± 6.5	158 ± 8.9	192 ± 19.4	176 ± 11.1
3333.0	107 ± 9.5[s]	121 ± 10.2[s]	141 ± 6.9[s]	181 ± 7.8[s]	158 ± 9.6[s]
10000.0	146 ± 5.5[s]	129 ± 4.2[s]	121 ± 14.0[s]		
Trial Summary	Equivocal	Equivocal	Positive	Positive	Positive
Positive Control[2]	281 ± 11.8	481 ± 32.5			
Positive Control[3]					
Positive Control[4]			294 ± 9.1	282 ± 8.0	283 ± 7.5

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Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control[1]	92 ± 5.3	105 ± 13.0
33.0		236 ± 17.5
100.0	427 ± 15.4	351 ± 59.2
333.0	476 ± 30.0	410 ± 54.5
1000.0	511 ± 7.4	457 ± 28.7
3333.0	339 ± 10.3[s]	308 ± 19.1[s]
10000.0	174 ± 4.0[s]	
Trial Summary	Positive	Positive
Positive Control[2]		
Positive Control[3]	426 ± 4.7	429 ± 23.8
Positive Control[4]		

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

G06: Ames Summary Data

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Time Report Requested: **09:26:31**

Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control[1]	12 ± 1.5	29 ± 2.0	29 ± 3.9	38 ± 5.5
33.0		25 ± 1.5		39 ± 1.3
100.0	22 ± 2.5	36 ± 1.7	48 ± 1.7	46 ± 5.3
333.0	16 ± 3.8	42 ± 4.4	54 ± 6.0	59 ± 2.0
1000.0	18 ± 0.9	39 ± 0.7	55 ± 2.1	72 ± 2.6
3333.0	16 ± 0.7[s]	34 ± 4.2	46 ± 3.0[s]	59 ± 0.9[s]
10000.0	12 ± 4.5[s]		Toxic	
Trial Summary	Negative	Negative	Equivocal	Equivocal
Positive Control[5]			74 ± 9.7	118 ± 2.5
Positive Control[3]		68 ± 5.8		
Positive Control[6]	114 ± 5.2			

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: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine
s: Slight Toxicity

** END OF REPORT **