Experiment Number: **060676**

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

G06: Ames Summary Data

Test Compound: **N,N'-Di-2-napthyl-p-phenylenediamine**

CAS Number: **93-46-9**

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

Time Report Requested: **17:38:30**

NTP Study Number: 060676

Study Result: Positive

Experiment Number: **060676**

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

G06: Ames Summary Data

Test Compound: **N,N'-Di-2-napthyl-p-phenylenediamine**

CAS Number: **93-46-9**

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

Time Report Requested: **17:38:30**

Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control[1]	103 ± 4.5	116 ± 5.8	112 ± 3.1
100.0	107 ± 9.0	119 ± 6.1	119 ± 1.7
333.0	87 ± 9.6[p]	115 ± 5.2	108 ± 5.8
1000.0	97 ± 6.2[p]	136 ± 13.2	116 ± 5.2
3333.0	86 ± 3.2[p]	112 ± 4.4[p]	138 ± 6.2[p]
10000.0	84 ± 8.2[p]	118 ± 4.4[p]	127 ± 8.5[p]
Trial Summary	Negative	Negative	Negative
Positive Control[2]	281 ± 4.0		
Positive Control[3]			326 ± 13.1
Positive Control[4]		323 ± 6.7	

Experiment Number: **060676**

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

G06: Ames Summary Data

Test Compound: **N,N'-Di-2-napthyl-p-phenylenediamine**

CAS Number: **93-46-9**

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

Time Report Requested: **17:38:30**

Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control[1]	15 ± 0.7	27 ± 3.1	40 ± 2.4	12 ± 2.0
100.0	17 ± 2.6	27 ± 2.1	32 ± 3.5	
333.0	15 ± 2.1[p]	35 ± 5.0	36 ± 1.3	18 ± 3.2
1000.0	7 ± 0.6[p]	35 ± 4.6	46 ± 3.3	31 ± 2.4
3333.0	11 ± 3.1[p]	32 ± 2.9[p]	65 ± 5.0[p]	49 ± 4.5
6667.0				88 ± 7.2
10000.0	10 ± 0.9[p]	35 ± 4.2[p]	142 ± 5.8[p]	100 ± 4.1[p]
Trial Summary	Negative	Negative	Positive	Positive
Positive Control[5]			355 ± 7.9	1504 ± 33.8
Positive Control[3]		135 ± 8.7		
Positive Control[6]	239 ± 10.7			

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: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine
p: Precipitate

** END OF REPORT **