Experiment Number: **744886**

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

G06: Ames Summary Data

Test Compound: **Dicyclohexyl phthalate**

CAS Number: **84-61-7**

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

Time Report Requested: **09:59:54**

NTP Study Number: 744886

Study Result: Negative

Experiment Number: **744886**

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

G06: Ames Summary Data

Test Compound: **Dicyclohexyl phthalate**

CAS Number: **84-61-7**

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

Time Report Requested: **09:59:54**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	152 ± 3.0	189 ± 8.4	151 ± 8.2	154 ± 2.1	149 ± 7.0
100.0	139 ± 3.7	168 ± 2.7	129 ± 3.6	160 ± 4.8	136 ± 0.3
333.0	142 ± 11.3	176 ± 9.8	152 ± 4.8	173 ± 5.7	161 ± 15.4
1000.0	143 ± 5.2	172 ± 5.5	140 ± 4.3	157 ± 3.8	140 ± 14.3
3333.0	153 ± 9.8[p]	178 ± 4.7[p]	143 ± 5.8[p]	157 ± 4.5[p]	160 ± 3.3[p]
10000.0	144 ± 3.6[p]	168 ± 4.0[p]	128 ± 9.0[p]	159 ± 3.3[p]	149 ± 4.3[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					525 ± 31.5
Positive Control[3]			740 ± 11.3	549 ± 11.6	
Positive Control[4]	1231 ± 61.0	1495 ± 21.2			

Experiment Number: **744886**

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

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Test Compound: **Dicyclohexyl phthalate**

CAS Number: **84-61-7**

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

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Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	181 ± 7.3
100.0	174 ± 4.5
333.0	173 ± 6.2
1000.0	187 ± 4.5
3333.0	187 ± 3.8[p]
10000.0	177 ± 5.0[p]
Trial Summary	Negative
Positive Control[2]	649 ± 11.3
Positive Control[3]	
Positive Control[4]	

Experiment Number: **744886**

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

G06: Ames Summary Data

Test Compound: **Dicyclohexyl phthalate**

CAS Number: **84-61-7**

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

Time Report Requested: **09:59:54**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	34 ± 2.0	26 ± 1.2	14 ± 1.5	24 ± 2.5	14 ± 1.8
100.0	25 ± 3.3	32 ± 6.9	16 ± 3.7	23 ± 1.5	13 ± 1.0
333.0	19 ± 2.3	26 ± 2.0	14 ± 1.9	27 ± 2.3	12 ± 1.2
1000.0	22 ± 1.2	25 ± 3.7	13 ± 1.5	20 ± 0.7	12 ± 1.3
3333.0	16 ± 2.6[p]	32 ± 3.2[p]	16 ± 2.4[p]	19 ± 2.8[p]	13 ± 3.3[p]
10000.0	21 ± 3.2[p]	23 ± 1.5[p]	10 ± 1.2[p]	16 ± 1.2[p]	7 ± 1.0[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					66 ± 6.7
Positive Control[3]			70 ± 4.2	83 ± 1.8	
Positive Control[4]	1020 ± 17.1	1301 ± 58.6			

Experiment Number: **744886**

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

G06: Ames Summary Data

Test Compound: **Dicyclohexyl phthalate**

CAS Number: **84-61-7**

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

Time Report Requested: **09:59:54**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	24 ± 3.2
100.0	28 ± 1.2
333.0	31 ± 1.2
1000.0	26 ± 1.7
3333.0	21 ± 2.6[p]
10000.0	22 ± 2.3[p]
Trial Summary	Negative
Positive Control[2]	92 ± 1.0
Positive Control[3]	
Positive Control[4]	

Experiment Number: **744886**

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

G06: Ames Summary Data

Test Compound: **Dicyclohexyl phthalate**

CAS Number: **84-61-7**

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

Time Report Requested: **09:59:54**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	7 ± 1.8	7 ± 1.7	8 ± 1.3	8 ± 2.6	8 ± 1.8
100.0	6 ± 1.8	10 ± 0.7	10 ± 1.5	5 ± 0.9	7 ± 1.2
333.0	3 ± 0.9	7 ± 0.3	6 ± 1.8	8 ± 1.2	6 ± 1.5
1000.0	4 ± 1.8	7 ± 1.5	7 ± 0.7	6 ± 2.3	5 ± 0.7
3333.0	3 ± 0.3[p]	7 ± 2.2[p]	5 ± 0.6[p]	9 ± 2.3[p]	8 ± 1.5[p]
10000.0	5 ± 1.5[p]	5 ± 1.2[p]	3 ± 1.2[p]	5 ± 0.3[p]	6 ± 1.5[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					36 ± 5.0
Positive Control[3]			53 ± 4.4	42 ± 5.7	
Positive Control[5]	53 ± 5.3	172 ± 7.3			

Experiment Number: **744886**

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

G06: Ames Summary Data

Test Compound: **Dicyclohexyl phthalate**

CAS Number: **84-61-7**

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

Time Report Requested: **09:59:54**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	8 ± 1.2
100.0	9 ± 1.5
333.0	8 ± 2.0
1000.0	5 ± 1.5
3333.0	8 ± 1.5[p]
10000.0	8 ± 3.5[p]
Trial Summary	Negative
Positive Control[2]	60 ± 2.6
Positive Control[3]	
Positive Control[5]	

Experiment Number: **744886**

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

G06: Ames Summary Data

Test Compound: **Dicyclohexyl phthalate**

CAS Number: **84-61-7**

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

Time Report Requested: **09:59:54**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	24 ± 2.4	22 ± 0.3	33 ± 4.7	27 ± 3.9	35 ± 1.9
100.0	23 ± 0.9	20 ± 2.4	39 ± 1.8	29 ± 4.7	36 ± 5.5
333.0	21 ± 2.1	21 ± 2.3	32 ± 3.2	33 ± 3.5	35 ± 6.1
1000.0	21 ± 3.2	22 ± 2.0	36 ± 1.5	34 ± 3.1	34 ± 2.5
3333.0	21 ± 4.2[p]	20 ± 1.2[p]	28 ± 1.3[p]	22 ± 2.3[p]	35 ± 3.0[p]
10000.0	21 ± 1.5[p]	17 ± 2.4[p]	23 ± 3.0[p]	24 ± 2.8[p]	31 ± 3.2[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					458 ± 54.9
Positive Control[3]			698 ± 33.0	340 ± 16.4	
Positive Control[6]	1558 ± 35.0	1329 ± 38.7			

Experiment Number: **744886**

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

G06: Ames Summary Data

Test Compound: **Dicyclohexyl phthalate**

CAS Number: **84-61-7**

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

Time Report Requested: **09:59:54**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	29 ± 0.9
100.0	30 ± 2.9
333.0	34 ± 2.5
1000.0	34 ± 2.7
3333.0	26 ± 3.6[p]
10000.0	31 ± 0.6[p]
Trial Summary	Negative
Positive Control[2]	457 ± 23.7
Positive Control[3]	
Positive Control[6]	

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: Acetone
2: 0.75 ug/Plate 2-Aminoanthracene
3: 1.5 ug/Plate 2-Aminoanthracene
4: 2.5 ug/Plate Sodium Azide
5: 80.0 ug/Plate 9-Aminoacridine
6: 12.0 ug/Plate 4-Nitro-O-Phenylenediamine
p: Precipitate

** END OF REPORT **