

Experiment Number: 150357

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

G06: Ames Summary Data

Test Compound: **Dibutyltin dilaurate**

CAS Number: 77-58-7

Date Report Requested: **09/12/2018**

Time Report Requested: **14:49:43**

NTP Study Number:

150357

Study Result:

Negative

Experiment Number: 150357

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Dibutyltin dilaurate

CAS Number: 77-58-7

Date Report Requested: 09/12/2018

Time Report Requested: 14:49:43

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	101 ± 5.9	113 ± 1.2	124 ± 5.0	106 ± 12.9	120 ± 7.1
1.0	98 ± 11.1		123 ± 7.2		114 ± 1.2
3.0	94 ± 2.4	92 ± 5.7	133 ± 4.1	96 ± 4.7	123 ± 7.3
10.0	101 ± 6.4	93 ± 14.8	132 ± 11.5	103 ± 8.3	128 ± 8.5
33.0	105 ± 7.8	84 ± 4.8	126 ± 6.4	94 ± 4.0	103 ± 20.0
100.0	97 ± 10.3	74 ± 0.3	127 ± 4.9	100 ± 10.2	104 ± 3.0
166.0		48 ± 0.4		86 ± 11.6	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			437 ± 84.7	282 ± 15.3	784 ± 10.5
Positive Control ³	203 ± 11.8	260 ± 16.7			

Experiment Number: 150357

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

G06: Ames Summary Data

Test Compound: **Dibutyltin dilaurate**

CAS Number: 77-58-7

Date Report Requested: 09/12/2018

Time Report Requested: 14:49:43

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	86 ± 12.2
1.0	
3.0	82 ± 2.4
10.0	95 ± 5.5
33.0	111 ± 1.2
100.0	103 ± 7.2
166.0	91 ± 11.3
Trial Summary	Negative
Positive Control ²	678 ± 13.1
Positive Control ³	

Experiment Number: 150357

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: Dibutyltin dilaurate

CAS Number: 77-58-7

Date Report Requested: 09/12/2018

Time Report Requested: 14:49:43

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	15 ± 3.2	24 ± 1.5	9 ± 1.5	15 ± 5.5	7 ± 1.2
1.0	12 ± 0.0		11 ± 2.9		5 ± 0.7
3.0	13 ± 2.6	27 ± 3.2	6 ± 0.3	13 ± 0.0	8 ± 2.7
10.0	12 ± 2.9	25 ± 3.5	8 ± 2.4	11 ± 3.4	5 ± 1.2
33.0	14 ± 3.8	14 ± 4.3	8 ± 1.3	14 ± 3.7	5 ± 1.8
100.0	6 ± 2.0	7 ± 0.6	10 ± 3.3	18 ± 3.9	4 ± 1.9
166.0		19 ± 1.2		9 ± 2.1	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ³	193 ± 3.9	144 ± 21.4			
Positive Control ⁴			160 ± 7.9	170 ± 15.1	363 ± 24.0

Experiment Number: 150357

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

G06: Ames Summary Data

Test Compound: **Dibutyltin dilaurate**

CAS Number: 77-58-7

Date Report Requested: 09/12/2018

Time Report Requested: 14:49:43

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	12 ± 3.0
1.0	
3.0	13 ± 3.2
10.0	7 ± 2.7
33.0	9 ± 1.7
100.0	11 ± 2.7
166.0	12 ± 4.1
Trial Summary	Negative
Positive Control ³	
Positive Control ⁴	987 ± 26.4

Experiment Number: 150357

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: Dibutyltin dilaurate

CAS Number: 77-58-7

Date Report Requested: 09/12/2018

Time Report Requested: 14:49:43

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	146 ± 12.7	133 ± 7.1	183 ± 7.2	219 ± 0.7	216 ± 13.5
1.0	168 ± 8.8		217 ± 9.9		212 ± 6.7
3.0	163 ± 4.3	138 ± 25.2	204 ± 17.7	216 ± 11.6	216 ± 15.4
10.0	156 ± 2.0	155 ± 12.2	205 ± 11.6	217 ± 15.6	203 ± 19.6
33.0	164 ± 4.1	140 ± 24.3	209 ± 21.1	211 ± 10.1	181 ± 28.7
100.0	155 ± 16.4	131 ± 12.0	232 ± 10.4	192 ± 15.1	198 ± 10.7
166.0		67 ± 7.1		164 ± 18.2	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁴			958 ± 59.2	432 ± 40.7	1423 ± 80.6
Positive Control ⁵	617 ± 51.0	472 ± 4.5			

Experiment Number: 150357

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

G06: Ames Summary Data

Test Compound: **Dibutyltin dilaurate**

CAS Number: 77-58-7

Date Report Requested: 09/12/2018

Time Report Requested: 14:49:43

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	164 ± 5.9
1.0	
3.0	182 ± 14.4
10.0	194 ± 18.6
33.0	181 ± 9.0
100.0	205 ± 3.2
166.0	173 ± 17.0
Trial Summary	Negative
Positive Control ⁴	1036 ± 32.9
Positive Control ⁵	

Experiment Number: 150357

Test Type: Genetic Toxicology - Bacterial
Mutagenicity**G06: Ames Summary Data**

Test Compound: Dibutyltin dilaurate

CAS Number: 77-58-7

Date Report Requested: 09/12/2018

Time Report Requested: 14:49:43

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	12 ± 3.1	17 ± 1.2	33 ± 1.8	23 ± 2.7	29 ± 3.9
1.0	20 ± 4.4		33 ± 3.1		21 ± 2.2
3.0	16 ± 2.3	26 ± 2.4	25 ± 4.1	25 ± 2.5	26 ± 5.5
10.0	20 ± 6.1	27 ± 6.7	25 ± 4.2	28 ± 4.8	21 ± 5.0
33.0	19 ± 1.6	20 ± 1.9	27 ± 1.5	30 ± 6.9	16 ± 6.2
100.0	15 ± 0.9	12 ± 3.3	30 ± 4.8	27 ± 2.6	23 ± 2.7
166.0		12 ± 3.0		30 ± 7.8	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			310 ± 24.6	210 ± 11.6	702 ± 25.8
Positive Control ⁶	554 ± 24.5	870 ± 28.4			

Experiment Number: 150357
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: Dibutyltin dilaurate
CAS Number: 77-58-7

Date Report Requested: 09/12/2018
Time Report Requested: 14:49:43

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	29 ± 5.5
1.0	
3.0	32 ± 3.4
10.0	31 ± 1.2
33.0	28 ± 1.9
100.0	29 ± 0.7
166.0	36 ± 4.3
Trial Summary	Negative
Positive Control ²	472 ± 21.0
Positive Control ⁶	

Experiment Number: 150357

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

G06: Ames Summary Data

Test Compound: **Dibutyltin dilaurate**

CAS Number: **77-58-7**

Date Report Requested: **09/12/2018**

Time Report Requested: **14:49:43**

LEGEND

Values given as Mean or Mean \pm 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: Water

2: 1.0 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 50.0 ug/Plate 9-Aminoacridine

6: 5.0 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****