NTP Study Number: 834817

Study Result: Negative

Experiment Number: **834817**

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

G06: Ames Summary Data

Test Compound: **Dibutyltin diacetate**

CAS Number: **1067-33-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **23:17:42**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	80 ± 4.0	82 ± 3.5	98 ± 5.4	79 ± 3.0	99 ± 6.5
33.0	69 ± 4.5	77 ± 7.0	86 ± 2.6	99 ± 7.5	105 ± 4.3
100.0	91 ± 8.7	85 ± 3.0	107 ± 9.5	107 ± 10.7	110 ± 4.6
333.0	84 ± 4.3	94 ± 7.5	109 ± 10.3	98 ± 6.4	105 ± 2.1
1000.0	76 ± 3.2	71 ± 1.2	106 ± 4.3	93 ± 3.5	85 ± 2.3
3333.0	44 ± 8.7	23 ± 22.7	82 ± 3.5	0 ± 0.0	47 ± 13.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			759 ± 67.3	1404 ± 104.3	1485 ± 171.2
Positive Control[3]	364 ± 130.3	671 ± 138.7			

Experiment Number: **834817**

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

G06: Ames Summary Data

Test Compound: **Dibutyltin diacetate**

CAS Number: **1067-33-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **23:17:42**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	108 ± 11.3
33.0	90 ± 10.3
100.0	79 ± 6.4
333.0	93 ± 2.1
1000.0	101 ± 7.4
3333.0	4 ± 2.0
Trial Summary	Negative
Positive Control[2]	1441 ± 113.6
Positive Control[3]	

Experiment Number: **834817**

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

G06: Ames Summary Data

Test Compound: **Dibutyltin diacetate**

CAS Number: **1067-33-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **23:17:42**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	8 ± 1.2	4 ± 1.2	6 ± 2.0	7 ± 1.3	8 ± 1.5
33.0	6 ± 0.6	5 ± 1.7	7 ± 2.1	6 ± 1.5	7 ± 1.5
100.0	4 ± 2.0	6 ± 1.2	8 ± 1.0	4 ± 0.3	10 ± 1.9
333.0	6 ± 1.0	3 ± 0.9	8 ± 0.6	4 ± 0.6	6 ± 0.7
1000.0	5 ± 0.5	1 ± 0.3	5 ± 0.0	4 ± 0.6	6 ± 0.9
3333.0	6 ± 0.3	0 ± 0.0	7 ± 0.6	0 ± 0.0	7 ± 0.7
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			595 ± 19.2	141 ± 12.8	143 ± 5.9
Positive Control[3]	590 ± 10.1	810 ± 55.3			

Experiment Number: **834817**

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

G06: Ames Summary Data

Test Compound: **Dibutyltin diacetate**

CAS Number: **1067-33-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **23:17:42**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	7 ± 2.7
33.0	7 ± 0.6
100.0	8 ± 1.0
333.0	6 ± 1.5
1000.0	7 ± 0.3
3333.0	0 ± 0.0
Trial Summary	Negative
Positive Control[2]	89 ± 10.3
Positive Control[3]	

Experiment Number: **834817**

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

G06: Ames Summary Data

Test Compound: **Dibutyltin diacetate**

CAS Number: **1067-33-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **23:17:42**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	8 ± 1.2	3 ± 1.2	12 ± 2.2	5 ± 0.6	11 ± 2.3
33.0	11 ± 2.8	2 ± 0.3	20 ± 2.6	8 ± 0.6	14 ± 3.5
100.0	10 ± 3.6	3 ± 1.0	13 ± 1.5	5 ± 3.0	16 ± 3.5
333.0	9 ± 3.6	2 ± 0.9	15 ± 2.0	6 ± 2.1	12 ± 4.5
1000.0	9 ± 3.6	1 ± 0.9	11 ± 1.2	4 ± 0.7	10 ± 3.8
3333.0	9 ± 3.3	2 ± 1.2	10 ± 1.2	4 ± 0.7	8 ± 1.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			159 ± 13.6	100 ± 20.0	164 ± 7.1
Positive Control[4]	120 ± 21.7	116 ± 4.6			

Experiment Number: **834817**

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

G06: Ames Summary Data

Test Compound: **Dibutyltin diacetate**

CAS Number: **1067-33-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **23:17:42**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	6 ± 2.0
33.0	4 ± 1.3
100.0	7 ± 2.3
333.0	4 ± 0.9
1000.0	3 ± 0.3
3333.0	4 ± 1.2
Trial Summary	Negative
Positive Control[2]	112 ± 32.5
Positive Control[4]	

Experiment Number: **834817**

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

G06: Ames Summary Data

Test Compound: **Dibutyltin diacetate**

CAS Number: **1067-33-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **23:17:42**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	17 ± 1.5	15 ± 1.8	25 ± 4.5	16 ± 2.8	20 ± 2.8
33.0	12 ± 2.0	11 ± 2.2	30 ± 2.5	26 ± 1.8	18 ± 1.2
100.0	15 ± 2.6	14 ± 3.7	37 ± 5.1	21 ± 3.1	19 ± 0.7
333.0	18 ± 1.2	15 ± 1.7	38 ± 0.3	28 ± 1.5	12 ± 2.0
1000.0	10 ± 1.0	12 ± 2.0	37 ± 3.3	20 ± 1.2	15 ± 3.2
3333.0	17 ± 3.1	10 ± 1.2	30 ± 2.9	19 ± 4.3	12 ± 0.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			1792 ± 347.1	726 ± 30.6	1111 ± 37.0
Positive Control[5]	712 ± 51.3	139 ± 9.8			

Experiment Number: **834817**

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

G06: Ames Summary Data

Test Compound: **Dibutyltin diacetate**

CAS Number: **1067-33-0**

Date Report Requested: **09/15/2018**

Time Report Requested: **23:17:42**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	25 ± 5.7
33.0	19 ± 0.3
100.0	19 ± 2.0
333.0	23 ± 2.8
1000.0	14 ± 2.7
3333.0	20 ± 1.3
Trial Summary	Negative
Positive Control[2]	831 ± 128.4
Positive Control[5]	

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: Water
2: 1.0 ug/Plate 2-Aminoanthracene
3: 3.3 ug/Plate Sodium Azide
4: 33.0 ug/Plate 9-Aminoacridine
5: 3.3 ug/Plate 4-Nitro-O-Phenylenediamine

** END OF REPORT **