Experiment Number: **382104**

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

G06: Ames Summary Data

Test Compound: **Daminozide**

CAS Number: **1596-84-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **09:21:51**

NTP Study Number: 382104

Study Result: Negative

Experiment Number: **382104**

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

G06: Ames Summary Data

Test Compound: **Daminozide**

CAS Number: **1596-84-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **09:21:51**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	130 ± 3.2	109 ± 6.1	128 ± 2.7	120 ± 8.3	126 ± 10.0
100.0	122 ± 4.7	110 ± 12.0	128 ± 4.4	115 ± 7.6	133 ± 7.6
333.0	120 ± 9.3	115 ± 4.4	121 ± 7.4	120 ± 8.7	139 ± 4.2
1000.0	127 ± 2.8	103 ± 4.0	130 ± 4.4	117 ± 11.7	137 ± 9.6
3333.0	123 ± 1.2	108 ± 5.4	149 ± 1.9	117 ± 10.7	120 ± 6.0
10000.0	135 ± 8.3	87 ± 15.4[s]	121 ± 3.9[s]	109 ± 4.8[s]	138 ± 10.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					1046 ± 7.5
Positive Control[3]			974 ± 32.3	943 ± 38.3	
Positive Control[4]	1047 ± 43.6	1129 ± 5.7			

Experiment Number: **382104**

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G06: Ames Summary Data

Test Compound: **Daminozide**

CAS Number: **1596-84-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **09:21:51**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	132 ± 7.2
100.0	127 ± 4.7
333.0	115 ± 0.9
1000.0	123 ± 4.3
3333.0	118 ± 4.3
10000.0	114 ± 14.2[s]
Trial Summary	Negative
Positive Control[2]	1209 ± 200.5
Positive Control[3]	
Positive Control[4]	

Experiment Number: **382104**

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

G06: Ames Summary Data

Test Compound: **Daminozide**

CAS Number: **1596-84-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **09:21:51**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	26 ± 1.5	18 ± 2.8	26 ± 3.6	13 ± 2.2	17 ± 1.2
100.0	30 ± 0.6	23 ± 0.7	22 ± 2.1	15 ± 2.7	20 ± 1.7
333.0	23 ± 2.1	26 ± 6.6	18 ± 2.2	17 ± 1.8	28 ± 2.5
1000.0	27 ± 2.0	27 ± 3.5	29 ± 5.5	11 ± 0.9	16 ± 3.3
3333.0	37 ± 5.3	23 ± 2.3	22 ± 2.7	11 ± 0.3	20 ± 1.8
10000.0	25 ± 2.6	28 ± 5.9	20 ± 1.8[s]	10 ± 1.5[s]	17 ± 1.0[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					70 ± 4.2
Positive Control[3]			62 ± 5.5	75 ± 3.0	
Positive Control[4]	868 ± 32.1	851 ± 18.5			

Experiment Number: **382104**

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

G06: Ames Summary Data

Test Compound: **Daminozide**

CAS Number: **1596-84-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **09:21:51**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	12 ± 3.3
100.0	14 ± 2.4
333.0	8 ± 1.2
1000.0	11 ± 1.3
3333.0	11 ± 1.3
10000.0	11 ± 1.5[s]
Trial Summary	Negative
Positive Control[2]	93 ± 7.3
Positive Control[3]	
Positive Control[4]	

Experiment Number: **382104**

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

G06: Ames Summary Data

Test Compound: **Daminozide**

CAS Number: **1596-84-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **09:21:51**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	9 ± 1.0	4 ± 1.3	12 ± 2.6	7 ± 1.8	10 ± 2.6
100.0	6 ± 1.0	5 ± 0.9	8 ± 1.2	8 ± 1.5	8 ± 1.5
333.0	9 ± 1.5	9 ± 2.1	9 ± 1.5	3 ± 0.6	9 ± 1.0
1000.0	6 ± 1.7	5 ± 0.6	9 ± 1.7	6 ± 2.2	10 ± 1.3
3333.0	10 ± 1.5	3 ± 1.8	9 ± 1.9	6 ± 1.2	7 ± 0.9
10000.0	7 ± 1.2	7 ± 1.2[s]	10 ± 3.1[s]	5 ± 0.6[s]	8 ± 0.3[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					69 ± 7.8
Positive Control[3]			67 ± 3.8	78 ± 5.8	
Positive Control[5]	439 ± 59.4	198 ± 14.4			

Experiment Number: **382104**

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

G06: Ames Summary Data

Test Compound: **Daminozide**

CAS Number: **1596-84-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **09:21:51**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	8 ± 1.9
100.0	10 ± 0.6
333.0	9 ± 1.5
1000.0	8 ± 2.0
3333.0	7 ± 2.5
10000.0	2 ± 0.7[s]
Trial Summary	Negative
Positive Control[2]	105 ± 10.0
Positive Control[3]	
Positive Control[5]	

Experiment Number: **382104**

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

G06: Ames Summary Data

Test Compound: **Daminozide**

CAS Number: **1596-84-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **09:21:51**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	15 ± 1.5	15 ± 0.3	24 ± 4.4	20 ± 3.5	28 ± 4.1
100.0	13 ± 0.0	13 ± 0.3	25 ± 6.9	18 ± 3.2	32 ± 1.5
333.0	14 ± 0.3	16 ± 0.0	35 ± 2.2	23 ± 1.5	32 ± 0.9
1000.0	15 ± 4.3	13 ± 0.6	26 ± 0.3	26 ± 0.9	27 ± 3.2
3333.0	15 ± 3.3	17 ± 1.5	31 ± 5.2	22 ± 2.1	31 ± 3.8
10000.0	17 ± 2.9	10 ± 1.0[s]	19 ± 4.4[s]	19 ± 2.0[s]	20 ± 3.5[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					798 ± 32.1
Positive Control[3]			689 ± 39.3	876 ± 66.6	
Positive Control[6]	1227 ± 48.8	1256 ± 45.7			

Experiment Number: **382104**

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

G06: Ames Summary Data

Test Compound: **Daminozide**

CAS Number: **1596-84-5**

Date Report Requested: **09/14/2018**

Time Report Requested: **09:21:51**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	22 ± 0.9
100.0	20 ± 4.7
333.0	24 ± 2.6
1000.0	20 ± 0.0
3333.0	20 ± 1.8
10000.0	20 ± 3.9[s]
Trial Summary	Negative
Positive Control[2]	1378 ± 64.7
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: Dimethyl Sulfoxide
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
s: Slight Toxicity

** END OF REPORT **