Experiment Number: **189121**

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

G06: Ames Summary Data

Test Compound: **Hexanamide**

CAS Number: **628-02-4**

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

Time Report Requested: **01:28:57**

NTP Study Number: 189121

Study Result: Negative

Experiment Number: **189121**

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

G06: Ames Summary Data

Test Compound: **Hexanamide**

CAS Number: **628-02-4**

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

Time Report Requested: **01:28:57**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	115 ± 10.2	140 ± 11.1	130 ± 6.4	119 ± 8.2	114 ± 6.4
100.0	113 ± 7.5	136 ± 0.9	103 ± 7.1	83 ± 6.7	131 ± 9.7
333.0	119 ± 9.4	134 ± 18.4	128 ± 11.6	65 ± 3.4	128 ± 8.7
1000.0	109 ± 4.1	122 ± 3.9	116 ± 0.9	81 ± 7.4	137 ± 4.9
3333.0	104 ± 4.4	128 ± 17.8	108 ± 5.8	74 ± 3.8	128 ± 9.6
10000.0	101 ± 2.0	134 ± 11.9	83 ± 20.8[s]	38 ± 9.4[s]	88 ± 16.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]	252 ± 7.8		893 ± 20.2	692 ± 31.1	942 ± 51.4
Positive Control[3]		482 ± 16.8			

Experiment Number: **189121**

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

G06: Ames Summary Data

Test Compound: **Hexanamide**

CAS Number: **628-02-4**

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

Time Report Requested: **01:28:57**

Strain: TA100

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	108 ± 13.9
100.0	94 ± 6.6
333.0	91 ± 5.7
1000.0	84 ± 6.0
3333.0	102 ± 6.9
10000.0	63 ± 9.2[s]
Trial Summary	Negative
Positive Control[2]	1303 ± 26.5
Positive Control[3]	

Experiment Number: **189121**

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

G06: Ames Summary Data

Test Compound: **Hexanamide**

CAS Number: **628-02-4**

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

Time Report Requested: **01:28:57**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	20 ± 3.2	19 ± 4.0	11 ± 2.3	27 ± 6.1	22 ± 3.6
100.0	20 ± 2.3	25 ± 4.3	15 ± 3.5	14 ± 3.2	31 ± 3.0
333.0	21 ± 4.0	21 ± 2.3	11 ± 2.3	15 ± 1.5	22 ± 2.0
1000.0	16 ± 2.3	29 ± 1.9	13 ± 2.0	20 ± 2.3	32 ± 4.6
3333.0	19 ± 0.9	26 ± 2.8	8 ± 2.6	19 ± 1.3	23 ± 3.8
10000.0	5 ± 0.9	6 ± 4.1[s]	8 ± 0.6	11 ± 2.2	12 ± 2.7[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]	265 ± 11.3	334 ± 14.3			
Positive Control[4]			275 ± 13.1	248 ± 11.7	419 ± 1.3

Experiment Number: **189121**

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

G06: Ames Summary Data

Test Compound: **Hexanamide**

CAS Number: **628-02-4**

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

Time Report Requested: **01:28:57**

Strain: TA1535

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	12 ± 2.6
100.0	11 ± 1.0
333.0	16 ± 1.9
1000.0	12 ± 1.5
3333.0	14 ± 0.9
10000.0	12 ± 2.8
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	366 ± 13.3

Experiment Number: **189121**

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

G06: Ames Summary Data

Test Compound: **Hexanamide**

CAS Number: **628-02-4**

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

Time Report Requested: **01:28:57**

Strain: TA1537

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 10% Hamster S9
Vehicle Control[1]	4 ± 1.3	7 ± 0.6	8 ± 0.6	24 ± 2.8	16 ± 0.9
100.0	8 ± 2.3	10 ± 3.7	10 ± 2.8	15 ± 1.8	21 ± 2.7
333.0	5 ± 0.9	10 ± 2.3	5 ± 1.5	16 ± 3.8	19 ± 1.2
1000.0	7 ± 1.2	5 ± 1.5	6 ± 0.3	13 ± 2.0	19 ± 3.5
3333.0	6 ± 1.5	11 ± 2.2	9 ± 2.0	17 ± 3.7	18 ± 0.7
10000.0	4 ± 1.0	5 ± 1.0	5 ± 1.8	10 ± 1.3	6 ± 1.5[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]		148 ± 13.0			
Positive Control[4]			284 ± 15.9	137 ± 8.1	448 ± 22.9
Positive Control[5]	116 ± 10.1				

Experiment Number: **189121**

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

G06: Ames Summary Data

Test Compound: **Hexanamide**

CAS Number: **628-02-4**

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

Time Report Requested: **01:28:57**

Strain: TA1537

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	14 ± 1.2
100.0	12 ± 2.7
333.0	13 ± 3.2
1000.0	18 ± 1.2
3333.0	14 ± 2.3
10000.0	8 ± 3.0
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	338 ± 3.9
Positive Control[5]	

Experiment Number: **189121**

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

G06: Ames Summary Data

Test Compound: **Hexanamide**

CAS Number: **628-02-4**

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

Time Report Requested: **01:28:57**

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 ± 2.6	24 ± 1.5	27 ± 1.5	64 ± 1.5	37 ± 2.6
100.0	16 ± 1.2	30 ± 0.7	27 ± 5.0	60 ± 12.2	41 ± 1.3
333.0	20 ± 0.7	27 ± 2.8	23 ± 4.7	41 ± 7.0	35 ± 5.1
1000.0	18 ± 1.3	24 ± 2.0	22 ± 2.5	43 ± 3.5	41 ± 4.8
3333.0	14 ± 1.2	31 ± 3.3	20 ± 2.0	35 ± 3.8	46 ± 2.2
10000.0	7 ± 1.2	19 ± 3.3	25 ± 2.3	43 ± 7.0	18 ± 1.7[s]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]			673 ± 23.2	468 ± 6.7	802 ± 67.4
Positive Control[6]	432 ± 2.1				
Positive Control[5]		767 ± 12.9			

Experiment Number: **189121**

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

G06: Ames Summary Data

Test Compound: **Hexanamide**

CAS Number: **628-02-4**

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

Time Report Requested: **01:28:57**

Strain: TA98

Dose (ug/Plate)	With 10% Hamster S9
Vehicle Control[1]	38 ± 5.0
100.0	38 ± 3.8
333.0	36 ± 1.9
1000.0	37 ± 5.7
3333.0	31 ± 1.5
10000.0	22 ± 4.4
Trial Summary	Negative
Positive Control[2]	977 ± 39.8
Positive Control[6]	
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: Dimethyl Sulfoxide
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
s: Slight Toxicity

** END OF REPORT **