Experiment Number: **513863**

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

G06: Ames Summary Data

Test Compound: **1,3,5-tris(2-Hydroxyethyl)triazine-2,4,6-trione**

CAS Number: **839-90-7**

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

Time Report Requested: **11:52:49**

NTP Study Number: 513863

Study Result: Negative

Experiment Number: **513863**

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

G06: Ames Summary Data

Test Compound: **1,3,5-tris(2-Hydroxyethyl)triazine-2,4,6-trione**

CAS Number: **839-90-7**

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

Time Report Requested: **11:52:49**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	115 ± 10.8	150 ± 5.8	146 ± 11.3	133 ± 6.7	158 ± 8.3
100.0	110 ± 9.8	140 ± 6.0	149 ± 7.4	122 ± 4.3	162 ± 5.2
333.0	96 ± 1.9	125 ± 9.0	151 ± 11.0	103 ± 3.5	169 ± 9.8
1000.0	89 ± 4.6	126 ± 11.2	160 ± 6.4	96 ± 6.9	162 ± 6.6
3333.0	110 ± 1.2	140 ± 5.5	143 ± 7.3	100 ± 5.2	158 ± 12.7
10000.0	97 ± 6.9	126 ± 5.7	119 ± 3.9	102 ± 7.6	138 ± 7.2
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					658 ± 30.9
Positive Control[3]			486 ± 16.3		
Positive Control[4]	546 ± 3.5	465 ± 18.0			
Positive Control[5]				514 ± 45.4	

Experiment Number: **513863**

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

G06: Ames Summary Data

Test Compound: **1,3,5-tris(2-Hydroxyethyl)triazine-2,4,6-trione**

CAS Number: **839-90-7**

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

Time Report Requested: **11:52:49**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	140 ± 4.3
100.0	140 ± 7.7
333.0	136 ± 18.2
1000.0	139 ± 8.1
3333.0	135 ± 7.5
10000.0	117 ± 8.4
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	551 ± 11.5
Positive Control[4]	
Positive Control[5]	

Experiment Number: **513863**

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

G06: Ames Summary Data

Test Compound: **1,3,5-tris(2-Hydroxyethyl)triazine-2,4,6-trione**

CAS Number: **839-90-7**

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

Time Report Requested: **11:52:49**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	19 ± 2.6	21 ± 2.8	13 ± 1.5	13 ± 0.7	13 ± 1.8
100.0	18 ± 3.2	21 ± 1.5	8 ± 2.0	10 ± 1.9	12 ± 1.2
333.0	20 ± 2.2	21 ± 3.5	10 ± 1.5	11 ± 2.2	10 ± 2.0
1000.0	14 ± 2.3	22 ± 1.2	8 ± 2.0	11 ± 0.7	9 ± 2.3
3333.0	19 ± 0.9	24 ± 2.5	9 ± 1.5	12 ± 2.1	8 ± 1.5
10000.0	16 ± 2.3	28 ± 1.8	8 ± 1.2	11 ± 2.1	9 ± 0.3
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]					174 ± 7.7
Positive Control[4]	427 ± 11.8	439 ± 8.6			
Positive Control[5]			102 ± 2.2		
Positive Control[6]				194 ± 10.4	

Experiment Number: **513863**

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

G06: Ames Summary Data

Test Compound: **1,3,5-tris(2-Hydroxyethyl)triazine-2,4,6-trione**

CAS Number: **839-90-7**

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

Time Report Requested: **11:52:49**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	11 ± 2.7
100.0	14 ± 2.3
333.0	10 ± 1.5
1000.0	8 ± 1.0
3333.0	10 ± 0.9
10000.0	9 ± 1.0
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	
Positive Control[5]	505 ± 19.3
Positive Control[6]	

Experiment Number: **513863**

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

G06: Ames Summary Data

Test Compound: **1,3,5-tris(2-Hydroxyethyl)triazine-2,4,6-trione**

CAS Number: **839-90-7**

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

Time Report Requested: **11:52:49**

Strain: TA1537

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control[1]	9 ± 1.0	10 ± 1.2	8 ± 0.3
100.0	6 ± 2.3	7 ± 2.3	8 ± 2.8
333.0	6 ± 0.7	9 ± 2.8	9 ± 2.2
1000.0	7 ± 2.0	8 ± 2.2	11 ± 0.6
3333.0	6 ± 0.3	8 ± 0.9	8 ± 1.7
10000.0	6 ± 0.0	11 ± 0.7	7 ± 1.0
Trial Summary	Negative	Negative	Negative
Positive Control[3]			53 ± 2.1
Positive Control[5]		44 ± 6.4	
Positive Control[7]	214 ± 51.6		

Experiment Number: **513863**

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

G06: Ames Summary Data

Test Compound: **1,3,5-tris(2-Hydroxyethyl)triazine-2,4,6-trione**

CAS Number: **839-90-7**

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

Time Report Requested: **11:52:49**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	158 ± 8.4	113 ± 8.5	200 ± 0.9	166 ± 12.4	199 ± 11.5
100.0	150 ± 1.8	131 ± 11.9	212 ± 2.1	147 ± 7.8	179 ± 2.5
333.0	149 ± 6.8	117 ± 11.9	203 ± 10.6	166 ± 11.3	202 ± 15.1
1000.0	158 ± 14.6	151 ± 9.0	179 ± 2.0	170 ± 9.8	194 ± 5.4
3333.0	165 ± 6.2	155 ± 14.6	196 ± 5.1	183 ± 9.2	181 ± 7.8
10000.0	145 ± 3.7	136 ± 18.4	168 ± 14.7	186 ± 15.4	178 ± 14.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					603 ± 108.0
Positive Control[3]			410 ± 10.0		
Positive Control[5]				405 ± 10.8	
Positive Control[7]	569 ± 20.9	358 ± 11.5			

Experiment Number: **513863**

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

G06: Ames Summary Data

Test Compound: **1,3,5-tris(2-Hydroxyethyl)triazine-2,4,6-trione**

CAS Number: **839-90-7**

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

Time Report Requested: **11:52:49**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	152 ± 21.7
100.0	125 ± 22.3
333.0	171 ± 8.3
1000.0	162 ± 5.8
3333.0	136 ± 19.8
10000.0	185 ± 3.2
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	394 ± 12.2
Positive Control[5]	
Positive Control[7]	

Experiment Number: **513863**

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

G06: Ames Summary Data

Test Compound: **1,3,5-tris(2-Hydroxyethyl)triazine-2,4,6-trione**

CAS Number: **839-90-7**

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

Time Report Requested: **11:52:49**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	17 ± 0.9	20 ± 2.9	33 ± 0.6	33 ± 3.5	29 ± 3.4
100.0	21 ± 3.2	21 ± 4.2	36 ± 1.5	34 ± 2.7	28 ± 4.7
333.0	15 ± 0.9	16 ± 2.4	26 ± 2.3	36 ± 3.6	30 ± 2.6
1000.0	19 ± 0.9	22 ± 1.8	30 ± 4.7	30 ± 1.5	31 ± 3.3
3333.0	24 ± 2.9	23 ± 1.9	30 ± 1.5	33 ± 3.4	38 ± 6.4
10000.0	17 ± 1.5	24 ± 1.5	34 ± 2.8	35 ± 2.1	30 ± 5.8
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					434 ± 11.9
Positive Control[3]			280 ± 23.7	128 ± 4.2	
Positive Control[8]	688 ± 45.8	442 ± 7.2			

Experiment Number: **513863**

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

G06: Ames Summary Data

Test Compound: **1,3,5-tris(2-Hydroxyethyl)triazine-2,4,6-trione**

CAS Number: **839-90-7**

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

Time Report Requested: **11:52:49**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	34 ± 2.3
100.0	30 ± 5.2
333.0	34 ± 5.9
1000.0	24 ± 4.4
3333.0	25 ± 4.0
10000.0	27 ± 1.5
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	382 ± 12.2
Positive Control[8]	

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: 0.5 ug/Plate 2-Aminoanthracene
3: 1.0 ug/Plate 2-Aminoanthracene
4: 1.0 ug/Plate Sodium Azide
5: 2.5 ug/Plate 2-Aminoanthracene
6: 5.0 ug/Plate 2-Aminoanthracene
7: 50.0 ug/Plate 9-Aminoacridine
8: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

** END OF REPORT **