Experiment Number: **629759**

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

G06: Ames Summary Data

Test Compound: **Ellagic acid**

CAS Number: **476-66-4**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:20:27**

NTP Study Number: 629759

Study Result: Negative

Experiment Number: **629759**

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

G06: Ames Summary Data

Test Compound: **Ellagic acid**

CAS Number: **476-66-4**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:20:27**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	137 ± 7.0	115 ± 9.6	108 ± 6.8	143 ± 8.4	117 ± 7.2
10.0	130 ± 9.9				
33.0	104 ± 2.2	86 ± 7.0			
100.0	85 ± 4.8	82 ± 2.6	97 ± 2.3	149 ± 2.8	122 ± 3.8
333.0	101 ± 6.2	90 ± 1.7	93 ± 2.5	124 ± 6.5	107 ± 7.2
1000.0	91 ± 6.0	81 ± 8.7	109 ± 9.0	126 ± 0.9	111 ± 9.6
1666.0		60 ± 8.3			
3333.0			101 ± 10.4	100 ± 7.4	123 ± 1.7
10000.0			74 ± 4.7[p]	129 ± 9.2[p]	99 ± 0.7[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					603 ± 9.8
Positive Control[3]	421 ± 20.3	454 ± 18.1			
Positive Control[4]			348 ± 9.6		
Positive Control[5]				496 ± 20.4	

Experiment Number: **629759**

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

G06: Ames Summary Data

Test Compound: **Ellagic acid**

CAS Number: **476-66-4**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:20:27**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	141 ± 12.7
10.0	
33.0	
100.0	131 ± 1.7
333.0	139 ± 8.7
1000.0	140 ± 3.8
1666.0	
3333.0	134 ± 8.0
10000.0	80 ± 41.9[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	
Positive Control[4]	530 ± 22.9
Positive Control[5]	

Experiment Number: **629759**

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

G06: Ames Summary Data

Test Compound: **Ellagic acid**

CAS Number: **476-66-4**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:20:27**

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	39 ± 2.6	23 ± 2.3	9 ± 1.5	17 ± 1.5	7 ± 1.2
10.0	42 ± 1.8				
33.0	36 ± 1.9	21 ± 2.7			
100.0	30 ± 6.0	21 ± 0.9	8 ± 2.0	15 ± 1.5	8 ± 0.7
333.0	39 ± 1.7	22 ± 0.7	8 ± 0.3	14 ± 2.0	9 ± 2.7
1000.0	39 ± 1.9	21 ± 0.6	10 ± 0.6	10 ± 1.9	10 ± 0.9
1666.0		21 ± 0.9			
3333.0			7 ± 1.3	9 ± 1.5	8 ± 1.5
10000.0			10 ± 0.7[p]	12 ± 1.5[p]	8 ± 0.7[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[4]					202 ± 20.8
Positive Control[3]	600 ± 16.5	308 ± 7.5			
Positive Control[5]			154 ± 9.6		
Positive Control[6]				114 ± 1.5	

Experiment Number: **629759**

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

G06: Ames Summary Data

Test Compound: **Ellagic acid**

CAS Number: **476-66-4**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:20:27**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	18 ± 1.8
10.0	
33.0	
100.0	16 ± 1.8
333.0	12 ± 1.2
1000.0	12 ± 4.3
1666.0	
3333.0	10 ± 0.3
10000.0	13 ± 0.0[p]
Trial Summary	Negative
Positive Control[4]	
Positive Control[3]	
Positive Control[5]	335 ± 26.0
Positive Control[6]	

Experiment Number: **629759**

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

G06: Ames Summary Data

Test Compound: **Ellagic acid**

CAS Number: **476-66-4**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:20:27**

Strain: TA1537

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control[1]	8 ± 1.5	17 ± 1.5	15 ± 1.9
10.0	13 ± 4.1		
33.0	11 ± 1.2		
100.0	11 ± 2.2	10 ± 2.1	15 ± 1.7
333.0	9 ± 1.2	10 ± 1.0	16 ± 2.1
1000.0	8 ± 2.0	12 ± 1.9	13 ± 1.9
3333.0		13 ± 2.3	11 ± 1.7
10000.0		9 ± 0.5[p]	8 ± 2.4[p]
Trial Summary	Negative	Negative	Negative
Positive Control[4]			36 ± 2.5
Positive Control[5]		52 ± 1.9	
Positive Control[7]	901 ± 83.6		

Experiment Number: **629759**

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

G06: Ames Summary Data

Test Compound: **Ellagic acid**

CAS Number: **476-66-4**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:20:27**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	166 ± 12.8	154 ± 12.6	153 ± 3.5	217 ± 9.8	161 ± 4.3
10.0	159 ± 4.4				
33.0	169 ± 7.9	152 ± 11.9			
100.0	179 ± 3.0	141 ± 8.2	167 ± 9.9	198 ± 3.5	165 ± 4.4
333.0	174 ± 2.6	153 ± 6.7	133 ± 6.4	177 ± 11.2	165 ± 8.4
1000.0	166 ± 6.7	137 ± 14.1	145 ± 4.7	211 ± 1.7	145 ± 9.2
1666.0		129 ± 5.7			
3333.0			133 ± 8.1	175 ± 2.0	159 ± 9.8
10000.0			118 ± 8.7[p]	145 ± 2.4[p]	151 ± 7.0[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					487 ± 19.5
Positive Control[4]			325 ± 15.9		
Positive Control[5]				450 ± 11.9	
Positive Control[7]	475 ± 39.6	590 ± 25.7			

Experiment Number: **629759**

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

G06: Ames Summary Data

Test Compound: **Ellagic acid**

CAS Number: **476-66-4**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:20:27**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	156 ± 3.3
10.0	
33.0	
100.0	158 ± 6.5
333.0	167 ± 7.9
1000.0	185 ± 12.5
1666.0	
3333.0	129 ± 18.3
10000.0	142 ± 16.0[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[4]	444 ± 28.7
Positive Control[5]	
Positive Control[7]	

Experiment Number: **629759**

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

G06: Ames Summary Data

Test Compound: **Ellagic acid**

CAS Number: **476-66-4**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:20:27**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	14 ± 0.3	19 ± 2.2	36 ± 1.0	30 ± 4.7	32 ± 2.3
10.0	17 ± 1.0				
33.0	16 ± 1.5	15 ± 0.0			
100.0	18 ± 3.4	19 ± 3.8	22 ± 0.9	27 ± 0.6	27 ± 2.0
333.0	17 ± 3.7	16 ± 0.6	32 ± 2.9	20 ± 2.0	27 ± 1.7
1000.0	12 ± 2.6	15 ± 2.2	21 ± 3.7	22 ± 2.3	30 ± 2.8
1666.0		13 ± 1.2			
3333.0			18 ± 0.9	14 ± 1.3	27 ± 3.2
10000.0			15 ± 0.7[p]	18 ± 2.1[p]	12 ± 2.3[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					440 ± 33.5
Positive Control[4]			176 ± 15.9	138 ± 7.6	
Positive Control[8]	441 ± 22.0	528 ± 27.7			

Experiment Number: **629759**

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

G06: Ames Summary Data

Test Compound: **Ellagic acid**

CAS Number: **476-66-4**

Date Report Requested: **09/10/2018**

Time Report Requested: **17:20:27**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	32 ± 4.7
10.0	
33.0	
100.0	19 ± 1.9
333.0	15 ± 1.5
1000.0	24 ± 3.1
1666.0	
3333.0	16 ± 2.6
10000.0	14 ± 7.4[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[4]	363 ± 21.5
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: Dimethyl Sulfoxide
2: 0.5 ug/Plate 2-Aminoanthracene
3: 1.0 ug/Plate Sodium Azide
4: 1.0 ug/Plate 2-Aminoanthracene
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
p: Precipitate

** END OF REPORT **