Experiment Number: **568807**

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

G06: Ames Summary Data

Test Compound: **Griseofulvin**

CAS Number: **126-07-8**

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

Time Report Requested: **04:32:56**

NTP Study Number: 568807

Study Result: Negative

Experiment Number: **568807**

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

G06: Ames Summary Data

Test Compound: **Griseofulvin**

CAS Number: **126-07-8**

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

Time Report Requested: **04:32:56**

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	122 ± 4.6	156 ± 8.6	162 ± 2.7	158 ± 10.4	116 ± 6.9
100.0	147 ± 5.8	149 ± 6.4	156 ± 11.0	168 ± 3.2	121 ± 8.5
333.0	150 ± 3.7	145 ± 10.1	158 ± 9.9	157 ± 3.8	132 ± 5.7
1000.0	120 ± 9.2[p]	141 ± 9.7[p]	164 ± 8.1[p]	157 ± 5.4[p]	143 ± 10.5[p]
3333.0	122 ± 11.1[p]	124 ± 7.6[p]	151 ± 10.0[p]	152 ± 14.0[p]	103 ± 1.7[p]
10000.0	110 ± 11.1[p]	120 ± 11.5[p]	118 ± 9.7[p]	137 ± 7.6[p]	126 ± 8.3[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					670 ± 24.0
Positive Control[3]			350 ± 5.3		
Positive Control[4]	421 ± 20.3	486 ± 11.3			
Positive Control[5]				496 ± 20.4	

Experiment Number: **568807**

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

G06: Ames Summary Data

Test Compound: **Griseofulvin**

CAS Number: **126-07-8**

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

Time Report Requested: **04:32:56**

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	152 ± 4.0
100.0	154 ± 6.7
333.0	150 ± 14.5
1000.0	158 ± 5.5[p]
3333.0	151 ± 1.5[p]
10000.0	137 ± 9.3[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	530 ± 22.9
Positive Control[4]	
Positive Control[5]	

Experiment Number: **568807**

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

G06: Ames Summary Data

Test Compound: **Griseofulvin**

CAS Number: **126-07-8**

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

Time Report Requested: **04:32:56**

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 ± 5.2	29 ± 2.6	9 ± 2.3	16 ± 1.5	11 ± 0.3
100.0	34 ± 3.7	24 ± 1.2	10 ± 1.5	14 ± 0.3	9 ± 0.3
333.0	32 ± 4.6	21 ± 1.0	7 ± 0.9	17 ± 0.7	9 ± 2.2
1000.0	33 ± 0.3[p]	17 ± 1.7[p]	14 ± 2.0[p]	14 ± 0.7[p]	5 ± 0.9[p]
3333.0	24 ± 0.9[p]	19 ± 2.0[p]	10 ± 0.6[p]	9 ± 3.1[p]	10 ± 1.5[p]
10000.0	24 ± 2.4[p]	16 ± 2.0[p]	7 ± 0.9[p]	14 ± 0.6[p]	10 ± 1.2[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[3]					155 ± 5.5
Positive Control[4]	600 ± 16.5	382 ± 15.2			
Positive Control[5]			121 ± 3.6		
Positive Control[6]				114 ± 1.5	

Experiment Number: **568807**

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

G06: Ames Summary Data

Test Compound: **Griseofulvin**

CAS Number: **126-07-8**

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

Time Report Requested: **04:32:56**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	13 ± 1.9
100.0	15 ± 2.7
333.0	12 ± 1.9
1000.0	10 ± 1.2[p]
3333.0	13 ± 2.3[p]
10000.0	13 ± 1.5[p]
Trial Summary	Negative
Positive Control[3]	
Positive Control[4]	
Positive Control[5]	335 ± 26.0
Positive Control[6]	

Experiment Number: **568807**

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

G06: Ames Summary Data

Test Compound: **Griseofulvin**

CAS Number: **126-07-8**

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

Time Report Requested: **04:32:56**

Strain: TA1537

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control[1]	10 ± 2.3	12 ± 2.0	12 ± 1.2
100.0	12 ± 3.2	7 ± 0.0	14 ± 1.5
333.0	13 ± 0.6	9 ± 2.2	11 ± 1.0
1000.0	7 ± 2.0[p]	8 ± 0.9[p]	10 ± 3.3[p]
3333.0	7 ± 1.2[p]	10 ± 0.9[p]	9 ± 1.5[p]
10000.0	9 ± 1.2[p]	8 ± 1.8[p]	8 ± 1.8[p]
Trial Summary	Negative	Negative	Negative
Positive Control[3]			36 ± 2.5
Positive Control[5]		52 ± 1.9	
Positive Control[7]	901 ± 83.6		

Experiment Number: **568807**

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

G06: Ames Summary Data

Test Compound: **Griseofulvin**

CAS Number: **126-07-8**

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

Time Report Requested: **04:32:56**

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	153 ± 11.7	184 ± 3.5	190 ± 8.0	173 ± 13.6	175 ± 4.4
100.0	149 ± 5.9	185 ± 7.8	210 ± 7.5	178 ± 15.9	189 ± 12.2
333.0	159 ± 9.0	189 ± 6.9	206 ± 11.6	183 ± 9.1	196 ± 4.1
1000.0	160 ± 5.9[p]	169 ± 5.0[p]	187 ± 10.7[p]	194 ± 3.2[p]	183 ± 13.2[p]
3333.0	156 ± 1.7[p]	139 ± 12.5[p]	182 ± 4.2[p]	188 ± 6.0[p]	185 ± 4.5[p]
10000.0	141 ± 2.1[p]	131 ± 5.5[p]	195 ± 1.2[p]	164 ± 13.4[p]	172 ± 9.0[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					464 ± 31.8
Positive Control[3]			313 ± 15.6		
Positive Control[5]				399 ± 19.6	
Positive Control[7]	475 ± 39.6	518 ± 44.2			

Experiment Number: **568807**

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

G06: Ames Summary Data

Test Compound: **Griseofulvin**

CAS Number: **126-07-8**

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

Time Report Requested: **04:32:56**

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	180 ± 4.7
100.0	163 ± 9.6
333.0	168 ± 5.2
1000.0	178 ± 2.6[p]
3333.0	180 ± 12.1[p]
10000.0	172 ± 5.2[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	444 ± 28.7
Positive Control[5]	
Positive Control[7]	

Experiment Number: **568807**

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

G06: Ames Summary Data

Test Compound: **Griseofulvin**

CAS Number: **126-07-8**

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

Time Report Requested: **04:32:56**

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control[1]	23 ± 3.7	19 ± 2.4	24 ± 4.4	39 ± 4.1	23 ± 2.6
100.0	22 ± 2.6	15 ± 1.5	27 ± 3.8	30 ± 4.1	27 ± 3.5
333.0	22 ± 2.2	16 ± 1.2	24 ± 1.2	35 ± 1.2	19 ± 1.9
1000.0	17 ± 3.5[p]	20 ± 3.5[p]	28 ± 3.3[p]	27 ± 5.9[p]	20 ± 2.6[p]
3333.0	18 ± 5.5[p]	14 ± 3.8[p]	20 ± 3.5[p]	30 ± 2.3[p]	28 ± 0.6[p]
10000.0	19 ± 1.0[p]	11 ± 1.5[p]	20 ± 5.0[p]	28 ± 4.3[p]	28 ± 1.5[p]
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control[2]					597 ± 48.9
Positive Control[3]			253 ± 24.6	138 ± 7.6	
Positive Control[8]	441 ± 22.0	383 ± 8.1			

Experiment Number: **568807**

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

G06: Ames Summary Data

Test Compound: **Griseofulvin**

CAS Number: **126-07-8**

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

Time Report Requested: **04:32:56**

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control[1]	24 ± 2.4
100.0	36 ± 1.9
333.0	35 ± 2.5
1000.0	28 ± 4.0[p]
3333.0	25 ± 3.5[p]
10000.0	25 ± 2.6[p]
Trial Summary	Negative
Positive Control[2]	
Positive Control[3]	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 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
p: Precipitate

** END OF REPORT **