

Experiment Number: 268400

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: p-Azoxyanisole

CAS Number: 1562-94-3

Date Report Requested: 09/11/2018

Time Report Requested: 08:46:18

NTP Study Number: 268400

Study Result: Positive

Experiment Number: 268400
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: p-Azoxyanisole
CAS Number: 1562-94-3

Date Report Requested: 09/11/2018
Time Report Requested: 08:46:18

Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	80 ± 2.1	101 ± 3.0	116 ± 4.6
33.0	74 ± 1.5	103 ± 2.4	115 ± 2.0
100.0	77 ± 5.5	102 ± 4.0	131 ± 12.9
333.0	83 ± 1.2 ^P	94 ± 3.2	119 ± 9.2
1000.0	73 ± 3.2 ^P	97 ± 3.5	117 ± 2.0
2500.0	77 ± 2.9 ^P	93 ± 5.8 ^P	115 ± 5.9 ^P
Trial Summary	Negative	Negative	Negative
Positive Control ²	224 ± 3.8		
Positive Control ³			330 ± 3.4
Positive Control ⁴		219 ± 12.7	

Experiment Number: 268400
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: p-Azoxyanisole
CAS Number: 1562-94-3

Date Report Requested: 09/11/2018
Time Report Requested: 08:46:18

Strain: TA1535

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	32 ± 1.0	12 ± 1.5	11 ± 1.2
33.0	29 ± 4.2	9 ± 1.8	8 ± 3.0
100.0	20 ± 3.9	11 ± 1.5	10 ± 0.9
333.0	26 ± 5.0 ^P	7 ± 0.5 ^P	11 ± 0.3
1000.0	19 ± 4.7 ^P	5 ± 1.2 ^P	9 ± 1.8 ^P
2500.0	24 ± 1.8 ^P	10 ± 1.5 ^P	9 ± 1.5 ^P
Trial Summary	Negative	Negative	Negative
Positive Control ²	281 ± 7.9		
Positive Control ³			291 ± 14.8
Positive Control ⁴		74 ± 4.6	

Experiment Number: 268400

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: p-Azoxyanisole

CAS Number: 1562-94-3

Date Report Requested: 09/11/2018

Time Report Requested: 08:46:18

Strain: TA1537

Dose (ug/Plate)	Without S9	With 5% Rat S9	With 10% Rat S9	With 10% Rat S9	With 30% Rat S9
Vehicle Control ¹	6 ± 0.6	7 ± 1.0	6 ± 2.6	7 ± 0.3	12 ± 2.5
0.3		6 ± 0.6		6 ± 0.6	
1.0		10 ± 1.5		5 ± 0.7	
3.3		6 ± 1.2	11 ± 1.9	9 ± 1.2	
10.0		12 ± 2.4	10 ± 0.9	14 ± 0.7	
33.0	9 ± 1.7	10 ± 4.2	17 ± 1.8	13 ± 2.3	12 ± 0.7
100.0	7 ± 1.7	14 ± 0.9	15 ± 0.9	20 ± 2.3	20 ± 3.8
333.0	8 ± 1.8 ^P		17 ± 3.1		18 ± 4.4
1000.0	5 ± 1.2 ^P		15 ± 1.3 ^P		20 ± 3.2 ^P
2500.0	6 ± 1.0 ^P				19 ± 4.1 ^P
Trial Summary	Negative	Negative	Equivocal	Equivocal	Negative
Positive Control ⁵					
Positive Control ⁴		314 ± 24.0	41 ± 6.0	118 ± 9.5	
Positive Control ⁶					27 ± 2.6
Positive Control ⁷	28 ± 0.9				

Experiment Number: 268400

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: p-Azoxyanisole

CAS Number: 1562-94-3

Date Report Requested: 09/11/2018

Time Report Requested: 08:46:18

Strain: TA1537

Dose (ug/Plate)	With 30% Rat S9	With 5% Hamster S9	With 10% Hamster S9	With 10% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	9 ± 1.5	6 ± 0.7	6 ± 1.5	6 ± 1.2	7 ± 1.5
0.3	9 ± 2.1	6 ± 1.0		9 ± 0.9	
1.0	9 ± 1.2	7 ± 1.3		8 ± 0.6	
3.3	11 ± 0.7	9 ± 2.7	10 ± 3.0	8 ± 0.9	11 ± 2.2
10.0	15 ± 2.3	9 ± 1.2	11 ± 1.8	15 ± 4.4	11 ± 1.5
33.0	11 ± 1.2	9 ± 0.7	11 ± 2.0	9 ± 1.2	14 ± 1.8
100.0	21 ± 1.5	5 ± 1.8	11 ± 2.6	11 ± 0.7	13 ± 1.5
333.0			7 ± 1.7		15 ± 4.1
1000.0			9 ± 3.2 ^p		12 ± 2.6 ^s
2500.0					
Trial Summary	Equivocal	Negative	Negative	Negative	Equivocal
Positive Control ⁵		408 ± 20.9	176 ± 3.2	138 ± 9.5	
Positive Control ⁴					
Positive Control ⁶	38 ± 1.2				213 ± 12.2
Positive Control ⁷					

Experiment Number: 268400
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: p-Azoxyanisole
CAS Number: 1562-94-3

Date Report Requested: 09/11/2018
Time Report Requested: 08:46:18

Strain: TA1537

Dose (ug/Plate)	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	6 ± 2.3	6 ± 1.7
0.3	10 ± 2.9	7 ± 0.3
1.0	9 ± 1.5	7 ± 1.5
3.3	11 ± 1.3	8 ± 1.9
10.0	11 ± 0.7	9 ± 0.9
33.0	15 ± 4.1	11 ± 0.9
100.0	19 ± 3.2	18 ± 3.1
333.0		
1000.0		
2500.0		
Trial Summary	Equivocal	Weakly Positive
Positive Control ⁵		
Positive Control ⁴		
Positive Control ⁶	176 ± 5.0	190 ± 8.4
Positive Control ⁷		

Experiment Number: 268400

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: p-Azoxyanisole

CAS Number: 1562-94-3

Date Report Requested: 09/11/2018

Time Report Requested: 08:46:18

Strain: TA97

Dose (ug/Plate)	Without S9	With 5% Rat S9	With 5% Rat S9	With 10% Rat S9	With 10% Rat S9
Vehicle Control ¹	75 ± 6.3	91 ± 6.4	114 ± 8.7	98 ± 1.2	125 ± 5.3
0.3		89 ± 3.5	127 ± 2.0	121 ± 12.7	168 ± 9.8
1.0		170 ± 8.4	168 ± 0.7	163 ± 10.0	184 ± 11.5
3.3		192 ± 10.1	185 ± 6.7	233 ± 18.9	261 ± 4.8
10.0		173 ± 9.5	232 ± 7.2	214 ± 5.0	267 ± 10.7
33.0	55 ± 2.6	184 ± 3.0	275 ± 6.5	251 ± 2.3	304 ± 17.9
100.0	44 ± 9.3	35 ± 10.7	184 ± 9.6	54 ± 25.0	283 ± 10.8
333.0	67 ± 4.4 ^p				
1000.0	72 ± 4.5 ^p				
2500.0	61 ± 2.2 ^s				
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ⁵					
Positive Control ⁴		1331 ± 51.2	1350 ± 28.6	758 ± 20.5	815 ± 89.0
Positive Control ⁶					
Positive Control ⁸	282 ± 19.6				

Experiment Number: 268400

G06: Ames Summary Data

Date Report Requested: 09/11/2018

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

Test Compound: p-Azoxyanisole

Time Report Requested: 08:46:18

CAS Number: 1562-94-3

Strain: TA97

Dose (ug/Plate)	With 30% Rat S9	With 30% Rat S9	With 30% Rat S9	With 5% Hamster S9	With 10% Hamster S9
Vehicle Control ¹	137 ± 7.8	213 ± 1.8	184 ± 4.3	91 ± 2.7	134 ± 5.5
0.3			195 ± 10.8	96 ± 4.7	
1.0			199 ± 15.0	115 ± 3.8	
3.3		242 ± 13.3	195 ± 23.5	127 ± 6.3	184 ± 3.8
10.0		256 ± 10.5	223 ± 4.7	119 ± 5.5	193 ± 4.2
33.0	195 ± 5.5	281 ± 19.5	250 ± 9.0	94 ± 12.3	209 ± 12.3
100.0	226 ± 17.3	319 ± 10.7	269 ± 3.2	88 ± 2.5	181 ± 5.6
333.0	169 ± 14.7	280 ± 6.8			173 ± 5.2
1000.0	187 ± 13.7 ^P	262 ± 13.0 ^P			169 ± 10.0 ^P
2500.0	144 ± 11.0 ^P				
Trial Summary	Weakly Positive	Weakly Positive	Weakly Positive	Equivocal	Weakly Positive
Positive Control ⁵				1503 ± 62.3	986 ± 24.8
Positive Control ⁴					
Positive Control ⁶	270 ± 24.3	465 ± 24.4	370 ± 18.9		
Positive Control ⁸					

Experiment Number: 268400

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: p-Azoxyanisole

CAS Number: 1562-94-3

Date Report Requested: 09/11/2018

Time Report Requested: 08:46:18

Strain: TA97

Dose (ug/Plate)	With 10% Hamster S9	With 10% Hamster S9	With 30% Hamster S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	101 ± 5.2	103 ± 1.9	204 ± 19.7	157 ± 0.7	102 ± 7.2
0.3	114 ± 4.1	110 ± 9.1			121 ± 5.8
1.0	165 ± 3.2	159 ± 4.2			166 ± 1.5
3.3	182 ± 10.5	190 ± 6.2		222 ± 6.3	174 ± 11.9
10.0	221 ± 9.0	240 ± 15.6		217 ± 4.8	227 ± 5.3
33.0	225 ± 5.6	215 ± 17.9	328 ± 21.1	234 ± 9.3	255 ± 9.9
100.0	176 ± 26.2	202 ± 5.0	382 ± 9.0	255 ± 7.5	261 ± 2.3
333.0			393 ± 31.2	242 ± 4.2	
1000.0			329 ± 0.7	246 ± 2.6 ^P	
2500.0			274 ± 6.9 ^P		
Trial Summary	Positive	Positive	Positive	Weakly Positive	Positive
Positive Control ⁵	730 ± 20.3	831 ± 33.8			
Positive Control ⁴					
Positive Control ⁶			893 ± 59.6	1253 ± 51.1	1027 ± 52.1
Positive Control ⁸					

Experiment Number: 268400
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: p-Azoxyanisole
CAS Number: 1562-94-3

Date Report Requested: 09/11/2018
Time Report Requested: 08:46:18

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	117 ± 10.4
0.3	134 ± 2.9
1.0	181 ± 5.5
3.3	200 ± 9.8
10.0	183 ± 11.5
33.0	211 ± 7.6
100.0	250 ± 3.8
333.0	
1000.0	
2500.0	
Trial Summary	Positive
Positive Control ⁵	
Positive Control ⁴	
Positive Control ⁶	1082 ± 15.3
Positive Control ⁸	

Experiment Number: 268400
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: p-Azoxyanisole
CAS Number: 1562-94-3

Date Report Requested: 09/11/2018
Time Report Requested: 08:46:18

Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Hamster S9
Vehicle Control ¹	13 ± 2.0	18 ± 4.6	25 ± 2.6
33.0	12 ± 0.6	18 ± 1.9	21 ± 4.9
100.0	10 ± 2.9	24 ± 0.3	35 ± 4.1
333.0	13 ± 2.0 ^P	22 ± 4.4	24 ± 3.5
1000.0	7 ± 0.7 ^P	15 ± 2.0 ^P	30 ± 5.2
2500.0	9 ± 1.8 ^P	22 ± 2.8 ^P	25 ± 6.0 ^P
Trial Summary	Negative	Negative	Negative
Positive Control ⁹			69 ± 6.4
Positive Control ³		83 ± 8.5	
Positive Control ¹⁰	128 ± 6.9		

Experiment Number: 268400
Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data
Test Compound: p-Azoxyanisole
CAS Number: 1562-94-3

Date Report Requested: 09/11/2018
Time Report Requested: 08:46:18

LEGEND

Values given as Mean or Mean \pm 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 Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 2.0 ug/Plate 2-Aminoanthracene

5: 0.75 ug/Plate 2-Aminoanthracene

6: 2.5 ug/Plate 2-Aminoanthracene

7: 4.0 ug/Plate 9-Aminoacridine

8: 8.0 ug/Plate 9-Aminoacridine

9: 0.4 ug/Plate 2-Aminoanthracene

10: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

p: Precipitate

s: Slight Toxicity

** END OF REPORT **