

Experiment Number: 983651

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

G06: Ames Summary Data

Test Compound: **Methylcyclopentane**

CAS Number: 96-37-7

Date Report Requested: 09/18/2018

Time Report Requested: 07:11:35

NTP Study Number:

983651

Study Result:

Negative

Experiment Number: 983651

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Methylcyclopentane

CAS Number: 96-37-7

Date Report Requested: 09/18/2018

Time Report Requested: 07:11:35

Strain: TA100

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	105 ± 4.2	84 ± 2.3	100 ± 7.6	128 ± 1.2	102 ± 4.7
3.3		81 ± 4.3	98 ± 6.4		98 ± 4.9
10.0	98 ± 4.2	94 ± 6.2	107 ± 7.7		99 ± 7.8
33.0	116 ± 2.2	87 ± 0.3	103 ± 5.5	130 ± 8.4	97 ± 1.9
100.0	110 ± 6.6	83 ± 5.8	102 ± 7.5	136 ± 8.1	103 ± 4.2
333.0	102 ± 10.2	79 ± 6.0 ^s	61 ± 5.2 ^s	129 ± 2.3	85 ± 4.7 ^s
667.0	95 ± 5.4				
1000.0				119 ± 1.8	
2000.0				65 ± 32.3 ^s	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			1213 ± 77.8		259 ± 5.0
Positive Control ³	489 ± 11.9	452 ± 14.4			
Positive Control ⁴					
Positive Control ⁵				1006 ± 52.2	

Experiment Number: 983651

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Methylcyclopentane

CAS Number: 96-37-7

Date Report Requested: 09/18/2018

Time Report Requested: 07:11:35

Strain: TA100

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	127 ± 5.0
3.3	
10.0	
33.0	135 ± 0.3
100.0	115 ± 8.3
333.0	132 ± 6.4
667.0	
1000.0	132 ± 2.3
2000.0	113 ± 9.6
Trial Summary	Negative
Positive Control ²	
Positive Control ³	
Positive Control ⁴	502 ± 7.9
Positive Control ⁵	

Experiment Number: 983651

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Methylcyclopentane

CAS Number: 96-37-7

Date Report Requested: 09/18/2018

Time Report Requested: 07:11:35

Strain: TA1535

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	23 ± 1.5	18 ± 1.2	23 ± 3.5	26 ± 2.3	19 ± 0.9
3.3		19 ± 2.5	20 ± 3.9		19 ± 1.5
10.0	16 ± 0.7	20 ± 3.5	20 ± 1.8	29 ± 3.5	19 ± 1.2
33.0	24 ± 1.5	18 ± 2.5	21 ± 2.8	24 ± 4.5	17 ± 3.8
100.0	15 ± 0.3 ^s	14 ± 0.3	21 ± 2.3	21 ± 1.7	20 ± 2.5
333.0	15 ± 2.1 ^s	19 ± 1.5 ^s	8 ± 1.5 ^s	20 ± 1.5	15 ± 3.2 ^s
1000.0	15 ± 1.3 ^s			14 ± 1.5 ^s	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²					92 ± 18.4
Positive Control ³	381 ± 4.4	290 ± 8.5			
Positive Control ⁴					
Positive Control ⁵			268 ± 15.4	558 ± 14.3	

Experiment Number: 983651

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

G06: Ames Summary Data

Test Compound: **Methylcyclopentane**

CAS Number: **96-37-7**

Date Report Requested: **09/18/2018**

Time Report Requested: **07:11:35**

Strain: TA1535

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	26 ± 3.7
3.3	
10.0	23 ± 1.9
33.0	21 ± 4.5
100.0	24 ± 1.3
333.0	24 ± 1.0
1000.0	16 ± 2.9 ^s
Trial Summary	Negative
Positive Control ²	
Positive Control ³	
Positive Control ⁴	229 ± 9.3
Positive Control ⁵	

Experiment Number: 983651

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Methylcyclopentane

CAS Number: 96-37-7

Date Report Requested: 09/18/2018

Time Report Requested: 07:11:35

Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	129 ± 5.6	99 ± 10.5	106 ± 4.1	187 ± 3.8	103 ± 10.5
3.3		97 ± 5.0	112 ± 8.6		128 ± 19.0
10.0	118 ± 7.5	104 ± 5.0	111 ± 5.8	166 ± 11.7	101 ± 3.0
33.0	118 ± 2.6	98 ± 8.1	109 ± 4.6	157 ± 5.5	105 ± 2.2
100.0	88 ± 8.4 ^s	88 ± 1.7	95 ± 6.4	157 ± 5.8	100 ± 7.3
333.0	74 ± 4.4 ^s	95 ± 8.7 ^s	75 ± 3.1 ^s	114 ± 2.0 ^s	91 ± 7.7 ^s
1000.0	73 ± 2.8 ^s			102 ± 6.4 ^s	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ⁶	810 ± 8.9	585 ± 19.6			
Positive Control ⁷					821 ± 37.2
Positive Control ⁵			2233 ± 60.1		
Positive Control ⁸				1528 ± 24.5	

Experiment Number: 983651

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Methylcyclopentane

CAS Number: 96-37-7

Date Report Requested: 09/18/2018

Time Report Requested: 07:11:35

Strain: TA97

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	139 ± 2.9
3.3	
10.0	132 ± 1.5
33.0	140 ± 5.0
100.0	141 ± 9.1
333.0	119 ± 4.3 ^s
1000.0	125 ± 10.4 ^s
Trial Summary	Negative
Positive Control ⁶	
Positive Control ⁷	
Positive Control ⁵	
Positive Control ⁸	1496 ± 89.2

Experiment Number: 983651

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: Methylcyclopentane

CAS Number: 96-37-7

Date Report Requested: 09/18/2018

Time Report Requested: 07:11:35

Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control ¹	20 ± 1.5	22 ± 0.7	32 ± 1.2	33 ± 0.9	36 ± 4.2
3.3		21 ± 3.5	35 ± 2.6		32 ± 2.5
10.0	18 ± 0.9	22 ± 1.7	31 ± 2.6		34 ± 3.7
33.0	18 ± 3.2	18 ± 2.1	25 ± 0.7	31 ± 4.6	37 ± 6.4
100.0	23 ± 5.2	14 ± 3.6	30 ± 1.5	31 ± 2.6	31 ± 1.9
333.0	20 ± 0.7	16 ± 2.1 ^s	24 ± 3.8 ^s	27 ± 3.2	25 ± 1.3 ^s
667.0	18 ± 3.5				
1000.0				29 ± 2.4	
2000.0				9 ± 4.9 ^s	
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control ²			227 ± 9.0		118 ± 5.5
Positive Control ⁴				288 ± 18.8	
Positive Control ⁹	350 ± 7.2	295 ± 8.2			

Experiment Number: 983651

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

G06: Ames Summary Data

Test Compound: **Methylcyclopentane**

CAS Number: 96-37-7

Date Report Requested: 09/18/2018

Time Report Requested: 07:11:35

Strain: TA98

Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control ¹	32 ± 1.5
3.3	
10.0	
33.0	29 ± 2.5
100.0	26 ± 1.2
333.0	29 ± 3.7
667.0	
1000.0	32 ± 3.8
2000.0	16 ± 0.0 ^s
Trial Summary	Negative
Positive Control ²	
Positive Control ⁴	309 ± 17.8
Positive Control ⁹	

Experiment Number: 983651

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

G06: Ames Summary Data

Test Compound: **Methylcyclopentane**

CAS Number: 96-37-7

Date Report Requested: 09/18/2018

Time Report Requested: 07:11:35

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: 95% Ethanol

2: 0.4 ug/Plate 2-Aminoanthracene

3: 0.5 ug/Plate Sodium Azide

4: 1.0 ug/Plate 2-Aminoanthracene

5: 2.0 ug/Plate 2-Aminoanthracene

6: 0.05 ug/Plate Solvent

7: 0.75 ug/Plate 2-Aminoanthracene

8: 2.5 ug/Plate 2-Aminoanthracene

9: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

s: Slight Toxicity

**** END OF REPORT ****