

Experiment Number: A85567

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

**G06: Ames Summary Data**

Test Compound: **Carbarson**

CAS Number: **121-59-5**

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

Time Report Requested: **04:26:25**

**NTP Study Number:**

A85567

**Study Result:**

Negative

Experiment Number: A85567

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity**G06: Ames Summary Data**

Test Compound: Carbarsonne

CAS Number: 121-59-5

Date Report Requested: 09/18/2018

Time Report Requested: 04:26:25

**Strain: TA100**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 30% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	159 ± 9.7	98 ± 5.8	138 ± 6.2	148 ± 0.7	127 ± 1.5
100.0	143 ± 2.6	122 ± 2.6	135 ± 9.3	175 ± 9.3	133 ± 4.6
333.0	153 ± 3.6	107 ± 5.5	131 ± 9.3	160 ± 12.3	130 ± 2.5
1000.0	163 ± 3.7	114 ± 4.8	122 ± 7.4	173 ± 8.7	134 ± 8.2
3333.0	157 ± 7.4	114 ± 1.5	135 ± 4.8	160 ± 6.1	127 ± 6.7
10000.0	142 ± 5.7	114 ± 12.5	123 ± 4.2	166 ± 12.5	128 ± 9.6
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	578 ± 18.7	552 ± 7.8			
Positive Control <sup>3</sup>			598 ± 7.7	342 ± 14.4	1731 ± 31.6

Experiment Number: A85567

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

**G06: Ames Summary Data**

Test Compound: **Carbarsone**

CAS Number: **121-59-5**

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

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**Strain: TA100**

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<b>Dose (ug/Plate)</b>	<b>With 30% Hamster S9</b>
Vehicle Control <sup>1</sup>	158 ± 1.2
100.0	152 ± 5.5
333.0	180 ± 10.3
1000.0	150 ± 5.4
3333.0	163 ± 12.2
10000.0	153 ± 12.3
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	907 ± 30.3

Experiment Number: A85567

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity**G06: Ames Summary Data**

Test Compound: Carbarson

CAS Number: 121-59-5

Date Report Requested: 09/18/2018

Time Report Requested: 04:26:25

**Strain: TA1535**

<b>Dose (ug/Plate)</b>	<b>Without S9</b>	<b>Without S9</b>	<b>With 10% Rat S9</b>	<b>With 30% Rat S9</b>	<b>With 10% Hamster S9</b>
Vehicle Control <sup>1</sup>	12 ± 2.6	14 ± 0.9	7 ± 1.2	10 ± 2.4	12 ± 2.0
100.0	12 ± 1.7	18 ± 5.9	14 ± 2.0	13 ± 3.2	9 ± 2.3
333.0	11 ± 2.5	15 ± 0.6	8 ± 0.3	11 ± 1.0	8 ± 1.0
1000.0	12 ± 2.6	9 ± 1.9	12 ± 1.9	16 ± 0.6	14 ± 1.2
3333.0	11 ± 0.9	11 ± 2.5	10 ± 2.5	13 ± 2.2	11 ± 2.2
10000.0	15 ± 0.3	10 ± 2.4	12 ± 2.1	13 ± 0.3	17 ± 0.9
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>2</sup>	464 ± 7.1	408 ± 19.0			
Positive Control <sup>3</sup>			70 ± 5.4	57 ± 2.3	163 ± 6.1

Experiment Number: A85567  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Carbarson  
CAS Number: 121-59-5

Date Report Requested: 09/18/2018  
Time Report Requested: 04:26:25

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Strain: TA1535

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	14 ± 3.0
100.0	13 ± 0.7
333.0	16 ± 1.7
1000.0	15 ± 3.3
3333.0	11 ± 1.3
10000.0	13 ± 2.1
Trial Summary	Negative
Positive Control <sup>2</sup>	
Positive Control <sup>3</sup>	139 ± 5.3

Experiment Number: A85567

Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

## G06: Ames Summary Data

Test Compound: Carbarsonne

CAS Number: 121-59-5

Date Report Requested: 09/18/2018

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## Strain: TA97

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 10% Rat S9	With 30% Rat S9
Vehicle Control <sup>1</sup>	86 ± 3.5	118 ± 3.8	153 ± 1.7	188 ± 7.5	240 ± 9.1
100.0	104 ± 14.9	122 ± 7.5	184 ± 13.6	140 ± 4.5	241 ± 4.7
333.0	120 ± 5.3	130 ± 11.8	178 ± 3.8	139 ± 4.7	232 ± 9.4
1000.0	121 ± 9.8	117 ± 15.8	183 ± 5.2	122 ± 5.7	255 ± 3.2
3333.0	144 ± 9.8	110 ± 11.4	189 ± 9.1	128 ± 8.3	239 ± 3.5
10000.0	120 ± 15.7	109 ± 8.5	193 ± 9.4	124 ± 5.5	270 ± 8.4
Trial Summary	Equivocal	Negative	Equivocal	Negative	Negative
Positive Control <sup>3</sup>			597 ± 9.2	528 ± 31.7	374 ± 17.6
Positive Control <sup>4</sup>	358 ± 20.6	338 ± 23.7			

Experiment Number: A85567  
Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data  
Test Compound: Carbarstone  
CAS Number: 121-59-5

Date Report Requested: 09/18/2018  
Time Report Requested: 04:26:25

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Strain: TA97

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Dose (ug/Plate)	With 10% Hamster S9	With 30% Hamster S9
Vehicle Control <sup>1</sup>	141 ± 10.1	209 ± 12.6
100.0	149 ± 8.0	148 ± 16.7
333.0	163 ± 8.4	175 ± 13.7
1000.0	169 ± 4.4	199 ± 13.0
3333.0	159 ± 6.9	218 ± 14.0
10000.0	170 ± 7.0	230 ± 12.1
Trial Summary	Negative	Negative
Positive Control <sup>3</sup>	1205 ± 22.6	941 ± 15.0
Positive Control <sup>4</sup>		

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Test Type: Genetic Toxicology - Bacterial  
Mutagenicity

G06: Ames Summary Data

Test Compound: Carbarson

CAS Number: 121-59-5

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## Strain: TA98

Dose (ug/Plate)	Without S9	Without S9	With 10% Rat S9	With 30% Rat S9	With 10% Hamster S9
Vehicle Control <sup>1</sup>	18 ± 4.6	22 ± 2.0	34 ± 9.3	30 ± 3.1	37 ± 3.2
100.0	20 ± 2.0	21 ± 5.0	37 ± 2.0	34 ± 5.2	31 ± 3.5
333.0	15 ± 3.0	24 ± 3.4	34 ± 2.6	30 ± 4.6	32 ± 2.0
1000.0	18 ± 1.3	26 ± 1.5	34 ± 2.7	35 ± 4.2	32 ± 0.3
3333.0	20 ± 0.3	23 ± 2.8	27 ± 4.4	32 ± 3.5	32 ± 2.0
10000.0	22 ± 1.3	22 ± 1.8	33 ± 1.8	31 ± 1.7	41 ± 1.5
Trial Summary	Negative	Negative	Negative	Negative	Negative
Positive Control <sup>5</sup>	112 ± 1.8	113 ± 8.9			
Positive Control <sup>3</sup>			947 ± 13.5	182 ± 2.7	2094 ± 52.0



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Mutagenicity

G06: Ames Summary Data  
Test Compound: Carbarstone  
CAS Number: 121-59-5

Date Report Requested: 09/18/2018  
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Strain: TA98

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Dose (ug/Plate)	With 30% Hamster S9
Vehicle Control <sup>1</sup>	30 ± 0.6
100.0	34 ± 1.3
333.0	31 ± 3.8
1000.0	26 ± 1.5
3333.0	30 ± 3.5
10000.0	38 ± 4.0
Trial Summary	Negative
Positive Control <sup>5</sup>	
Positive Control <sup>3</sup>	844 ± 21.7

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

**G06: Ames Summary Data**

Test Compound: **Carbarson**

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### **LEGEND**

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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: 1.0 ug/Plate Sodium Azide

3: 1.0 ug/Plate 2-Aminoanthracene

4: 50.0 ug/Plate 9-Aminoacridine

5: 1.0 ug/Plate 4-Nitro-O-Phenylenediamine

**\*\* END OF REPORT \*\***