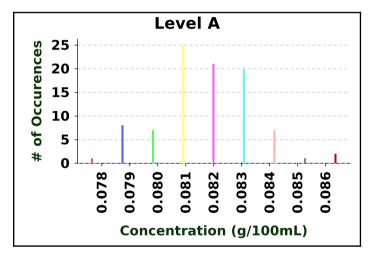
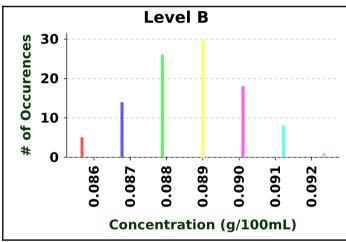
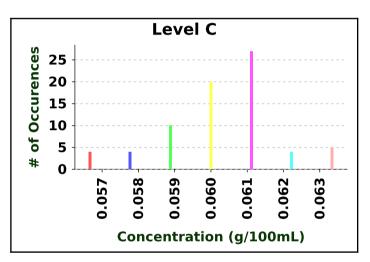
## 2023 Cycle 2 Blood Proficiency Test Results Summary

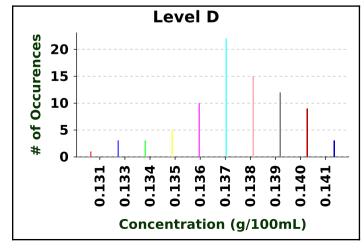
|       | Statistics - First Iteration               |       |       |       |       |  |  |  |  |  |  |  |
|-------|--|-------|-------|-------|-------|--|--|--|--|--|--|--|
| Level | Level N Mean Std Dev (SD) Mean - 3 (SD) Me |       |       |       |       |  |  |  |  |  |  |  |
| Α     | 100  | 0.082 | 0.002 | 0.076 | 0.088 |  |  |  |  |  |  |  |
| В     | 102  | 0.089 | 0.001 | 0.086 | 0.092 |  |  |  |  |  |  |  |
| С     | 98   | 0.060 | 0.001 | 0.057 | 0.063 |  |  |  |  |  |  |  |
| D     | 96   | 0.137 | 0.002 | 0.131 | 0.143 |  |  |  |  |  |  |  |
| Е     | 96   | 0.239 | 0.004 | 0.227 | 0.251 |  |  |  |  |  |  |  |

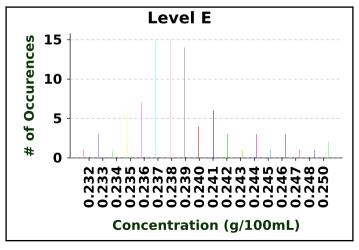
| Statistics - Second Iteration |     |             |              |               |               |  |  |  |  |  |  |
|-------------------------------|-----|-------------|--------------|---------------|---------------|--|--|--|--|--|--|
| Level                         | N   | Mean        | Std Dev (SD) | Mean - 3 (SD) | Mean + 3 (SD) |  |  |  |  |  |  |
| Α                             | 100 | 0.082       | 0.002        | 0.076         | 0.088         |  |  |  |  |  |  |
| В                             | 102 | 0.089 0.001 |              | 0.086         | 0.092         |  |  |  |  |  |  |
| С                             | 98  | 0.060       | 0.001        | 0.057         | 0.063         |  |  |  |  |  |  |
| D                             | 96  | 0.137       | 0.002        | 0.131         | 0.143         |  |  |  |  |  |  |
| Е                             | 96  | 0.239       | 0.004        | 0.227         | 0.251         |  |  |  |  |  |  |











### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/13/2023 Method: GC

**Analyst Name: Abraham, Dhanya** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2101        | 0.083               | 0.500      | 0.085               | 1.500      |
| I         | В          | 2201        | 0.090               | 1.000      | 0.091               | 2.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/13/2023 Method: GC

Analyst Name: Anderson, Carla

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2102        | 0.083               | 0.500      | 0.084               | 1.000      |
| I         | E          | 2501        | 0.244               | 1.250      | 0.244               | 1.250      |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/13/2023 Method: GC

Analyst Name: Baldwin, Jacquelyn

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2202        | 0.091               | 2.000      | 0.091               | 2.000      |
| 1         | С          | 2302        | 0.063               | 3.000      | 0.063               | 3.000      |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | N   | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/13/2023 Method: GC

Analyst Name: Barbe, Stephanie

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2402        | 0.139               | 1.000      | 0.141               | 2.000      |
| I         | Е          | 2502        | 0.237               | -0.500     | 0.245               | 1.500      |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | IN. | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/19/2023 Method: GC

**Analyst Name: Belinsky, Melanie** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2142        | 0.082               | 0.000      | 0.079               | -1.500     |
| I         | В          | 2242        | 0.088               | -1.000     | 0.087               | -2.000     |
| I         | С          | 2343        | 0.061               | 1.000      | 0.060               | 0.000      |
| I         | D          | 2443        | 0.138               | 0.500      | 0.136               | -0.500     |
| I         | E          | 2542        | 0.238               | -0.250     | 0.233               | -1.500     |

### **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

Z Score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StddDev. The Parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

Notes:

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/25/2023 Method: GC

**Analyst Name: Boland, Diane** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2103        | 0.080               | -1.000     | 0.079               | -1.500     |
| - 1       | В          | 2203        | 0.088               | -1.000     | 0.086               | -3.000     |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/24/2023 Method: GC

Analyst Name: Bridges, Anneli

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2303        | 0.060               | 0.000      | 0.060               | 0.000      |
| I         | D          | 2403        | 0.137               | 0.000      | 0.138               | 0.500      |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/25/2023 Method: GC

Analyst Name: Bugden, Kelly

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | A          | 2104        | 0.081               | -0.500     | 0.081               | -0.500     |
| 1         | Е          | 2503        | 0.237               | -0.500     | 0.238               | -0.250     |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit  | Upper Limit | Moon (Ava) | Std Dev | N   | Numb          |               | ut Of Range |
|-------|--------------|-------------|------------|---------|-----|---------------|---------------|-------------|
| Level | Lower Lillin | Upper Limit | Mean (Avg) | Sid Dev | IN. | 1st Iteration | 2nd Iteration |             |
| Α     | 0.076        | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |             |
| В     | 0.086        | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |             |
| С     | 0.057        | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |             |
| D     | 0.131        | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |             |
| Е     | 0.227        | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/24/2023 Method: GC

Analyst Name: Bugden, Kelly

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Typ | e Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|----------|--------------|-------------|---------------------|------------|---------------------|------------|
| I        | В            | 2204        | 0.088               | -1.000     | 0.088               | -1.000     |
| I        | С            | 2304        | 0.060               | 0.000      | 0.060               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/19/2023 Method: GC

**Analyst Name: Carey, Regina** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2404        | 0.139               | 1.000      | 0.139               | 1.000      |
| I         | Е          | 2504        | 0.241               | 0.500      | 0.241               | 0.500      |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/19/2023 Method: GC

**Analyst Name: Carswell, Katheryn** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test | t Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|------|--------|------------|-------------|---------------------|------------|---------------------|------------|
|      |        | Α          | 2105        | 0.083               | 0.500      | 0.084               | 1.000      |
|      | 1      | В          | 2205        | 0.090               | 1.000      | 0.090               | 1.000      |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/19/2023 Method: GC

**Analyst Name: Catlin, Tara** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2305        | 0.060               | 0.000      | 0.060               | 0.000      |
| 1         | D          | 2405        | 0.136               | -0.500     | 0.136               | -0.500     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

Analyst Name: Chin, Jenna

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2106        | 0.082               | 0.000      | 0.083               | 0.500      |
| ı         | Е          | 2505        | 0.241               | 0.500      | 0.241               | 0.500      |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/19/2023 Method: GC

Analyst Name: D'Elia, Paige

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2206        | 0.089               | 0.000      | 0.088               | -1.000     |
| 1         | С          | 2306        | 0.061               | 1.000      | 0.060               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/18/2023 Method: GC

**Analyst Name: Digman, Zachary** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2406        | 0.139               | 1.000      | 0.138               | 0.500      |
| I         | E          | 2506        | 0.237               | -0.500     | 0.241               | 0.500      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/30/2023 Method: GC

**Analyst Name: Drayton, Brittney** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2307        | 0.062               | 2.000      | 0.062               | 2.000      |
| 1         | D          | 2407        | 0.139               | 1.000      | 0.140               | 1.500      |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | N   | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/30/2023 Method: GC

**Analyst Name: Drayton, Brittney** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2207        | 0.090               | 1.000      | 0.090               | 1.000      |
| 1         | С          | 2308        | 0.061               | 1.000      | 0.061               | 1.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/30/2023 Method: GC

**Analyst Name: Fernandez, Patricia** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2157        | 0.083               | 0.500      | 0.082               | 0.000      |
| I         | В          | 2257        | 0.087               | -2.000     | 0.088               | -1.000     |
| I         | С          | 2358        | 0.060               | 0.000      | 0.061               | 1.000      |
| I         | D          | 2458        | 0.141               | 2.000      | 0.138               | 0.500      |
| I         | E          | 2557        | 0.241               | 0.500      | 0.238               | -0.250     |

### **Proficiency Cycle Statistics**

| Lovel | Lowerlimit  | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

**Analyst Name: Finkelstein, Marissa** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2408        | 0.137               | 0.000      | 0.137               | 0.000      |
| ı         | Е          | 2508        | 0.237               | -0.500     | 0.235               | -1.000     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Rar |               |
|-------|-------------|-------------|------------|---------|-----|-------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration     | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                 | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                 | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                 | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                 | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                 | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

**Analyst Name: Garcia, Jose** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2108        | 0.081               | -0.500     | 0.080               | -1.000     |
| I         | В          | 2208        | 0.089               | 0.000      | 0.088               | -1.000     |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/31/2023 Method: GC

**Analyst Name: Gari, Nikaury** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Ty | ре | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|---------|----|------------|-------------|---------------------|------------|---------------------|------------|
| I       |    | С          | 2309        | 0.060               | 0.000      | 0.060               | 0.000      |
| I       |    | D          | 2409        | 0.137               | 0.000      | 0.137               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovel | Lowerlimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev |     | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/30/2023 Method: GC

**Analyst Name: Gari, Nikaury** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2109        | 0.081               | -0.500     | 0.081               | -0.500     |
| 1         | Е          | 2509        | 0.238               | -0.250     | 0.239               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

Analyst Name: Giachetti, Alexander

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2209        | 0.089               | 0.000      | 0.087               | -2.000     |
| 1         | С          | 2310        | 0.060               | 0.000      | 0.059               | -1.000     |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | N   | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

Analyst Name: Gonyea, Jennifer

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2410        | 0.133               | -2.000     | 0.133               | -2.000     |
| 1         | Е          | 2510        | 0.233               | -1.500     | 0.232               | -1.750     |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/06/2023 Method: GC

**Analyst Name: Gottal, Josephine** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2110        | 0.080               | -1.000     | 0.079               | -1.500     |
| I         | В          | 2210        | 0.086               | -3.000     | 0.086               | -3.000     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/24/2023 Method: GC

**Analyst Name: Graham, Thomas** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2311        | 0.061               | 1.000      | 0.062               | 2.000      |
| I         | D          | 2411        | 0.139               | 1.000      | 0.139               | 1.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/24/2023 Method: GC

**Analyst Name: Graham, Thomas** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2211        | 0.089               | 0.000      | 0.090               | 1.000      |
| I         | С          | 2312        | 0.061               | 1.000      | 0.060               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/25/2023 Method: GC

**Analyst Name: Grossmann, Hannah** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2412        | 0.135               | -1.000     | 0.135               | -1.000     |
| 1         | Е          | 2512        | 0.236               | -0.750     | 0.235               | -1.000     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/24/2023 Method: GC

Analyst Name: Haggard, Jamie

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2112        | 0.081               | -0.500     | 0.080               | -1.000     |
| 1         | В          | 2212        | 0.088               | -1.000     | 0.087               | -2.000     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/19/2023 Method: GC

**Analyst Name: Hime, George** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2313        | 0.060               | 0.000      | 0.060               | 0.000      |
| 1         | D          | 2413        | 0.136               | -0.500     | 0.134               | -1.500     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | N   | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/26/2023 Method: GC

**Analyst Name: Hinds, Kelly** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Typ | e Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|----------|--------------|-------------|---------------------|------------|---------------------|------------|
| I        | А            | 2113        | 0.086               | 2.000      | 0.084               | 1.000      |
| I        | E            | 2513        | 0.237               | -0.500     | 0.250               | 2.750      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/02/2023 Method: GC

Analyst Name: Huene, Lauren

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Ty | /pe | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|---------|-----|------------|-------------|---------------------|------------|---------------------|------------|
| I       |     | В          | 2213        | 0.089               | 0.000      | 0.090               | 1.000      |
| I       |     | С          | 2314        | 0.061               | 1.000      | 0.061               | 1.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/02/2023 Method: GC

Analyst Name: Huene, Lauren

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2114        | 0.083               | 0.500      | 0.084               | 1.000      |
| I         | В          | 2214        | 0.090               | 1.000      | 0.089               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/19/2023 Method: GC

**Analyst Name: Humphrey, Susan** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2315        | 0.058               | -2.000     | 0.057               | -3.000     |
| I         | D          | 2415        | 0.136               | -0.500     | 0.137               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | N   | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/07/2023 Method: GC

Analyst Name: Jean, Kenson

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2115        | 0.079               | -1.500     | 0.078               | -2.000     |
| I         | Е          | 2515        | 0.236               | -0.750     | 0.237               | -0.500     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/07/2023 Method: GC

Analyst Name: Jean, Kenson

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2215        | 0.087               | -2.000     | 0.087               | -2.000     |
| I         | С          | 2316        | 0.058               | -2.000     | 0.057               | -3.000     |

# **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | IN. | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

Analyst Name: Kahl, Joseph

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2416        | 0.136               | -0.500     | 0.136               | -0.500     |
| 1         | Е          | 2516        | 0.236               | -0.750     | 0.236               | -0.750     |

# **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/08/2023 Method: GC

Analyst Name: Kahl, Kristin

Your 23C2 Proficiency test outcome is: Satisfactory

### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test | Туре | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|------|------|------------|-------------|---------------------|------------|---------------------|------------|
|      | I    | Α          | 2116        | 0.079               | -1.500     | 0.079               | -1.500     |
|      | I    | В          | 2216        | 0.086               | -3.000     | 0.086               | -3.000     |

# **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/08/2023 Method: GC

Analyst Name: Kahl, Kristin

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2317        | 0.057               | -3.000     | 0.057               | -3.000     |
| I         | D          | 2417        | 0.133               | -2.000     | 0.134               | -1.500     |

# **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/18/2023 Method: GC

**Analyst Name: Kamandulis, Linet** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| • | Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|---|-----------|------------|-------------|---------------------|------------|---------------------|------------|
|   | I         | Α          | 2117        | 0.081               | -0.500     | 0.082               | 0.000      |
|   | 1         | Е          | 2517        | 0.238               | -0.250     | 0.240               | 0.250      |

# **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/25/2023 Method: GC

**Analyst Name: Kamandulis, Linet** 

Your 23C2 Proficiency test outcome is: Satisfactory

### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Tes | t Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----|--------|------------|-------------|---------------------|------------|---------------------|------------|
|     | I      | В          | 2217        | 0.089               | 0.000      | 0.089               | 0.000      |
|     | 1      | С          | 2318        | 0.060               | 0.000      | 0.061               | 1.000      |

# **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/14/2023 Method: GC

**Analyst Name: Kloss, Julie** 

Your 23C2 Proficiency test outcome is: Satisfactory

### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2149        | 0.083               | 0.500      | 0.081               | -0.500     |
| I         | В          | 2249        | 0.090               | 1.000      | 0.088               | -1.000     |
| I         | С          | 2350        | 0.061               | 1.000      | 0.060               | 0.000      |
| I         | D          | 2450        | 0.140               | 1.500      | 0.139               | 1.000      |
| I         | E          | 2549        | 0.241               | 0.500      | 0.247               | 2.000      |

## **Proficiency Cycle Statistics**

| Lovel | Lowerlimit  | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/24/2023 Method: GC

Analyst Name: Kopp, Emily

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2418        | 0.137               | 0.000      | 0.137               | 0.000      |
| I         | Е          | 2518        | 0.242               | 0.750      | 0.236               | -0.750     |

# **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number Out Of Rang |               |
|-------|-------------|-------------|------------|---------|-----|--------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration      | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                  | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                  | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                  | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                  | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                  | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/13/2023 Method: GC

**Analyst Name: Kunsman, Gary** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2118        | 0.086               | 2.000      | 0.084               | 1.000      |
| I         | В          | 2218        | 0.090               | 1.000      | 0.092               | 3.000      |

# **Proficiency Cycle Statistics**

| Lovel | Lower Limit  | Upper Limit | Moon (Ava) | Std Dev | Number Out Of Range |               | ut Of Range   |
|-------|--------------|-------------|------------|---------|---------------------|---------------|---------------|
| Level | Lower Lillin | Upper Limit | Mean (Avg) | Sid Dev | IN.                 | 1st Iteration | 2nd Iteration |
| Α     | 0.076        | 0.088       | 0.082      | 0.002   | 100                 | 0             | 0             |
| В     | 0.086        | 0.092       | 0.089      | 0.001   | 102                 | 0             | 0             |
| С     | 0.057        | 0.063       | 0.060      | 0.001   | 98                  | 0             | 0             |
| D     | 0.131        | 0.143       | 0.137      | 0.002   | 96                  | 0             | 0             |
| Е     | 0.227        | 0.251       | 0.239      | 0.004   | 96                  | 0             | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/27/2023 Method: GC

**Analyst Name: Leifheit, Nicole** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2319        | 0.063               | 3.000      | 0.063               | 3.000      |
| I         | D          | 2419        | 0.140               | 1.500      | 0.139               | 1.000      |

# **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dov | Std Dev N Number Out Of Ra |               | ut Of Range   |
|-------|-------------|-------------|------------|---------|----------------------------|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | N                          | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100                        | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102                        | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98                         | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96                         | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96                         | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/01/2023 Method: GC

Analyst Name: Leifheit, Nicole

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2219        | 0.089               | 0.000      | 0.089               | 0.000      |
| 1         | С          | 2320        | 0.060               | 0.000      | 0.060               | 0.000      |

# **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number Out Of Rang |               |
|-------|-------------|-------------|------------|---------|-----|--------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration      | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                  | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                  | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                  | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                  | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                  | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/26/2023 Method: GC

**Analyst Name: Lewis, Jennifer** 

Your 23C2 Proficiency test outcome is: Satisfactory

### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2420        | 0.137               | 0.000      | 0.138               | 0.500      |
| I         | E          | 2520        | 0.239               | 0.000      | 0.240               | 0.250      |

# **Proficiency Cycle Statistics**

| Lovel | Lower Limit  | Upper Limit | Moon (Ava) | Std Dev | Number Out Of Range |               | ut Of Range   |
|-------|--------------|-------------|------------|---------|---------------------|---------------|---------------|
| Level | Lower Lillin | Upper Limit | Mean (Avg) | Sid Dev | N                   | 1st Iteration | 2nd Iteration |
| Α     | 0.076        | 0.088       | 0.082      | 0.002   | 100                 | 0             | 0             |
| В     | 0.086        | 0.092       | 0.089      | 0.001   | 102                 | 0             | 0             |
| С     | 0.057        | 0.063       | 0.060      | 0.001   | 98                  | 0             | 0             |
| D     | 0.131        | 0.143       | 0.137      | 0.002   | 96                  | 0             | 0             |
| Е     | 0.227        | 0.251       | 0.239      | 0.004   | 96                  | 0             | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/23/2023 Method: GC

**Analyst Name: Lewis, Jennifer** 

Your 23C2 Proficiency test outcome is: Satisfactory

### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2120        | 0.082               | 0.000      | 0.082               | 0.000      |
| I         | В          | 2220        | 0.089               | 0.000      | 0.089               | 0.000      |

# **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/18/2023 Method: GC

Analyst Name: Lopez, Olivia

Your 23C2 Proficiency test outcome is: Satisfactory

### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2144        | 0.082               | 0.000      | 0.081               | -0.500     |
| I         | В          | 2244        | 0.088               | -1.000     | 0.087               | -2.000     |
| I         | С          | 2345        | 0.060               | 0.000      | 0.060               | 0.000      |
| I         | D          | 2445        | 0.137               | 0.000      | 0.136               | -0.500     |
| I         | E          | 2544        | 0.238               | -0.250     | 0.237               | -0.500     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/13/2023 Method: GC

**Analyst Name: Maragh, Sharin** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2321        | 0.062               | 2.000      | 0.063               | 3.000      |
| 1         | D          | 2421        | 0.138               | 0.500      | 0.141               | 2.000      |

# **Proficiency Cycle Statistics**

| Lovel | Lower Limit  | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|--------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Lillin | Upper Limit | Mean (Avg) | Sid Dev | N   | 1st Iteration       | 2nd Iteration |
| Α     | 0.076        | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086        | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057        | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131        | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227        | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/19/2023 Method: GC

**Analyst Name: Mauser, Jessica** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2221        | 0.089               | 0.000      | 0.088               | -1.000     |
| I         | С          | 2322        | 0.060               | 0.000      | 0.061               | 1.000      |

# **Proficiency Cycle Statistics**

| Lovel | Lowerlimit  | Unnarlimit  | Moon (Ava) | Std Dev | N    | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|------|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | IN . | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100  | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102  | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98   | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96   | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96   | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/27/2023 Method: GC

Analyst Name: McCool, Lauren

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2121        | 0.081               | -0.500     | 0.081               | -0.500     |
| I         | Е          | 2521        | 0.239               | 0.000      | 0.239               | 0.000      |

# **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/27/2023 Method: GC

Analyst Name: McCool, Lauren

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2222        | 0.088               | -1.000     | 0.088               | -1.000     |
| I         | С          | 2323        | 0.060               | 0.000      | 0.060               | 0.000      |

# **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/13/2023 Method: GC

**Analyst Name: McEachern, Christine** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2150        | 0.082               | 0.000      | 0.082               | 0.000      |
| I         | В          | 2250        | 0.089               | 0.000      | 0.089               | 0.000      |
| I         | С          | 2351        | 0.061               | 1.000      | 0.061               | 1.000      |
| I         | D          | 2451        | 0.138               | 0.500      | 0.139               | 1.000      |
| I         | E          | 2550        | 0.240               | 0.250      | 0.241               | 0.500      |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

Z Score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StddDev. The Parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/13/2023 Method: GC

Analyst Name: McKee, Stacy

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2422        | 0.137               | 0.000      | 0.138               | 0.500      |
| - 1       | E          | 2522        | 0.244               | 1.250      | 0.238               | -0.250     |

# **Proficiency Cycle Statistics**

| Lovel | Lowerlimit  | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/18/2023 Method: GC

Analyst Name: Mendenhall, Savanna

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2122        | 0.081               | -0.500     | 0.081               | -0.500     |
| I         | В          | 2223        | 0.089               | 0.000      | 0.089               | 0.000      |

# **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | IN  | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/23/2023 Method: GC

Analyst Name: Mulcahy, Casey

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2324        | 0.059               | -1.000     | 0.059               | -1.000     |
| I         | D          | 2423        | 0.136               | -0.500     | 0.136               | -0.500     |

# **Proficiency Cycle Statistics**

| Lovel | Lower Limit  | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |  |
|-------|--------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Lillin | Upper Limit | Mean (Avg) | Sid Dev |     | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076        | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086        | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057        | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131        | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227        | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/16/2023 Method: GC

Analyst Name: Nguyen, Bryan

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2123        | 0.082               | 0.000      | 0.083               | 0.500      |
| I         | Е          | 2523        | 0.241               | 0.500      | 0.241               | 0.500      |

# **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/06/2023 Method: GC

Analyst Name: Office of the Attorney General, North Dakota

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2152        | 0.080               | -1.000     | 0.080               | -1.000     |
| I         | В          | 2252        | 0.087               | -2.000     | 0.087               | -2.000     |
| I         | С          | 2353        | 0.059               | -1.000     | 0.059               | -1.000     |
| I         | D          | 2453        | 0.136               | -0.500     | 0.136               | -0.500     |
| I         | E          | 2552        | 0.235               | -1.000     | 0.235               | -1.000     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/30/2023 Method: GC

Analyst Name: Ogden, Katelyn

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2145        | 0.081               | -0.500     | 0.080               | -1.000     |
| I         | В          | 2245        | 0.088               | -1.000     | 0.088               | -1.000     |
| I         | С          | 2346        | 0.060               | 0.000      | 0.060               | 0.000      |
| I         | D          | 2446        | 0.137               | 0.000      | 0.138               | 0.500      |
| I         | E          | 2545        | 0.237               | -0.500     | 0.239               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovel | Lowerlimit  | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/30/2023 Method: GC

Analyst Name: Ogden, Katelyn

Your 23C2 Proficiency test outcome is: Satisfactory

### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2146        | 0.081               | -0.500     | 0.081               | -0.500     |
| I         | В          | 2246        | 0.088               | -1.000     | 0.088               | -1.000     |
| I         | С          | 2347        | 0.060               | 0.000      | 0.061               | 1.000      |
| I         | D          | 2447        | 0.138               | 0.500      | 0.138               | 0.500      |
| I         | E          | 2546        | 0.239               | 0.000      | 0.239               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/07/2023 Method: GC

Analyst Name: Okraska, Jennifer

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2153        | 0.082               | 0.000      | 0.082               | 0.000      |
| I         | В          | 2253        | 0.089               | 0.000      | 0.089               | 0.000      |
| I         | С          | 2354        | 0.060               | 0.000      | 0.060               | 0.000      |
| I         | D          | 2454        | 0.141               | 2.000      | 0.140               | 1.500      |
| I         | E          | 2553        | 0.246               | 1.750      | 0.248               | 2.250      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

Z Score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StddDev. The Parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/07/2023 Method: GC

Analyst Name: Okraska, Jennifer

Your 23C2 Proficiency test outcome is: Satisfactory

### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2154        | 0.080               | -1.000     | 0.082               | 0.000      |
| I         | В          | 2254        | 0.088               | -1.000     | 0.089               | 0.000      |
| I         | С          | 2355        | 0.059               | -1.000     | 0.060               | 0.000      |
| I         | D          | 2455        | 0.140               | 1.500      | 0.141               | 2.000      |
| I         | Е          | 2554        | 0.247               | 2.000      | 0.250               | 2.750      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev N |     | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|-----------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev   | , N | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002     | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001     | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001     | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002     | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004     | 96  | 0             | 0             |

Z Score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StddDev. The Parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/23/2023 Method: GC

**Analyst Name: Ouellette, Nancy** 

Your 23C2 Proficiency test outcome is: Satisfactory

### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2156        | 0.082               | 0.000      | 0.082               | 0.000      |
| I         | В          | 2256        | 0.089               | 0.000      | 0.090               | 1.000      |
| I         | С          | 2357        | 0.060               | 0.000      | 0.060               | 0.000      |
| I         | D          | 2457        | 0.140               | 1.500      | 0.138               | 0.500      |
| I         | E          | 2556        | 0.243               | 1.000      | 0.242               | 0.750      |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Number Out Of |     | ut Of Range   |               |
|-------|-------------|-------------|------------|---------------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Std Dev       | N   | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002         | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001         | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001         | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002         | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004         | 96  | 0             | 0             |

Z Score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StddDev. The Parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/30/2023 Method: GC

**Analyst Name: Ouellette, Nancy** 

Your 23C2 Proficiency test outcome is: Satisfactory

### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2155        | 0.080               | -1.000     | 0.080               | -1.000     |
| I         | В          | 2255        | 0.088               | -1.000     | 0.087               | -2.000     |
| I         | С          | 2356        | 0.059               | -1.000     | 0.059               | -1.000     |
| I         | D          | 2456        | 0.137               | 0.000      | 0.137               | 0.000      |
| I         | E          | 2555        | 0.238               | -0.250     | 0.239               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

Z Score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StddDev. The Parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/13/2023 Method: GC

Analyst Name: Ovalle, Ana

Your 23C2 Proficiency test outcome is: Satisfactory

### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2224        | 0.089               | 0.000      | 0.091               | 2.000      |
| ı         | С          | 2325        | 0.061               | 1.000      | 0.062               | 2.000      |

# **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/02/2023 Method: GC

**Analyst Name: Pacheco, Jamie** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test | Туре | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|------|------|------------|-------------|---------------------|------------|---------------------|------------|
|      | I    | D          | 2424        | 0.137               | 0.000      | 0.137               | 0.000      |
|      | I    | Е          | 2524        | 0.237               | -0.500     | 0.238               | -0.250     |

# **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/02/2023 Method: GC

Analyst Name: Pacheco, Jamie

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2124        | 0.081               | -0.500     | 0.082               | 0.000      |
| I         | В          | 2225        | 0.088               | -1.000     | 0.089               | 0.000      |

# **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dov | Std Dev N Number Out Of Ra |               | ut Of Range   |
|-------|-------------|-------------|------------|---------|----------------------------|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | N                          | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100                        | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102                        | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98                         | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96                         | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96                         | 0             | 0             |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

Analyst Name: Patel, Minakshi

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2326        | 0.062               | 2.000      | 0.062               | 2.000      |
| I         | D          | 2425        | 0.141               | 2.000      | 0.140               | 1.500      |

# **Proficiency Cycle Statistics**

| Lovel | Lower Limit  | Upper Limit | Moon (Ava) | Std Dev | N Number ( |               | ut Of Range   |  |
|-------|--------------|-------------|------------|---------|------------|---------------|---------------|--|
| Level | Lower Lillin | Upper Limit | Mean (Avg) | Sid Dev | N          | 1st Iteration | 2nd Iteration |  |
| Α     | 0.076        | 0.088       | 0.082      | 0.002   | 100        | 0             | 0             |  |
| В     | 0.086        | 0.092       | 0.089      | 0.001   | 102        | 0             | 0             |  |
| С     | 0.057        | 0.063       | 0.060      | 0.001   | 98         | 0             | 0             |  |
| D     | 0.131        | 0.143       | 0.137      | 0.002   | 96         | 0             | 0             |  |
| Е     | 0.227        | 0.251       | 0.239      | 0.004   | 96         | 0             | 0             |  |

## **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

Analyst Name: Persons, Sylvia

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | A          | 2137        | 0.083               | 0.500      | 0.084               | 1.000      |
| 1         | В          | 2238        | 0.090               | 1.000      | 0.091               | 2.000      |

# **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

Analyst Name: Persons, Sylvia

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | A          | 2138        | 0.083               | 0.500      | 0.083               | 0.500      |
| I         | E          | 2538        | 0.239               | 0.000      | 0.240               | 0.250      |

# **Proficiency Cycle Statistics**

| Lovel | Lower Limit  | Upper Limit | Moon (Ava) | Std Dev | N Number ( |               | ut Of Range   |  |
|-------|--------------|-------------|------------|---------|------------|---------------|---------------|--|
| Level | Lower Lillin | Upper Limit | Mean (Avg) | Sid Dev | N          | 1st Iteration | 2nd Iteration |  |
| Α     | 0.076        | 0.088       | 0.082      | 0.002   | 100        | 0             | 0             |  |
| В     | 0.086        | 0.092       | 0.089      | 0.001   | 102        | 0             | 0             |  |
| С     | 0.057        | 0.063       | 0.060      | 0.001   | 98         | 0             | 0             |  |
| D     | 0.131        | 0.143       | 0.137      | 0.002   | 96         | 0             | 0             |  |
| Е     | 0.227        | 0.251       | 0.239      | 0.004   | 96         | 0             | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/22/2023 Method: GC

Analyst Name: Phosouvank-Chamroeunphorn, Davy-Anna

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | A          | 2125        | 0.081               | -0.500     | 0.080               | -1.000     |
| 1         | Е          | 2525        | 0.238               | -0.250     | 0.236               | -0.750     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev   | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|-----------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Std Dev N | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002     | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001     | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001     | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002     | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004     | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/26/2023 Method: GC

**Analyst Name: Pluer, Ashley** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Typ | e Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|----------|--------------|-------------|---------------------|------------|---------------------|------------|
| I        | В            | 2226        | 0.091               | 2.000      | 0.091               | 2.000      |
| I        | С            | 2327        | 0.061               | 1.000      | 0.061               | 1.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/26/2023 Method: GC

**Analyst Name: Pluer, Ashley** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2126        | 0.083               | 0.500      | 0.083               | 0.500      |
| 1         | В          | 2227        | 0.090               | 1.000      | 0.090               | 1.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

Analyst Name: Potoukian, Rocio

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2328        | 0.061               | 1.000      | 0.059               | -1.000     |
| - 1       | D          | 2427        | 0.134               | -1.500     | 0.135               | -1.000     |

## **Proficiency Cycle Statistics**

| Lovel | Lowerlimit  | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/18/2023 Method: GC

Analyst Name: Quinney, Elden

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | A          | 2127        | 0.085               | 1.500      | 0.082               | 0.000      |
| ı         | E          | 2527        | 0.241               | 0.500      | 0.246               | 1.750      |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | N   | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/24/2023 Method: GC

Analyst Name: Rato, Francesca

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2228        | 0.088               | -1.000     | 0.087               | -2.000     |
| 1         | С          | 2329        | 0.060               | 0.000      | 0.058               | -2.000     |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/23/2023 Method: GC

Analyst Name: Rawski, Kathryn

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2428        | 0.137               | 0.000      | 0.135               | -1.000     |
| ı         | E          | 2528        | 0.233               | -1.500     | 0.234               | -1.250     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/07/2023 Method: GC

Analyst Name: Reidy, Lisa

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2330        | 0.058               | -2.000     | 0.059               | -1.000     |
| I         | D          | 2429        | 0.138               | 0.500      | 0.136               | -0.500     |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | N   | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/07/2023 Method: GC

Analyst Name: Reidy, Lisa

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2129        | 0.080               | -1.000     | 0.079               | -1.500     |
| I         | Е          | 2529        | 0.238               | -0.250     | 0.236               | -0.750     |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit  | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|--------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Lillin | Upper Limit | Mean (Avg) | Sid Dev |     | 1st Iteration       | 2nd Iteration |
| Α     | 0.076        | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086        | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057        | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131        | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227        | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/06/2023 Method: GC

Analyst Name: Rohe, Lisa

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2430        | 0.137               | 0.000      | 0.136               | -0.500     |
| I         | E          | 2530        | 0.245               | 1.500      | 0.237               | -0.500     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/06/2023 Method: GC

Analyst Name: Rohe, Lisa

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2130        | 0.082               | 0.000      | 0.083               | 0.500      |
| I         | В          | 2231        | 0.090               | 1.000      | 0.088               | -1.000     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/16/2023 Method: GC

**Analyst Name: Rush, Courtney** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2147        | 0.082               | 0.000      | 0.082               | 0.000      |
| I         | В          | 2247        | 0.089               | 0.000      | 0.089               | 0.000      |
| I         | С          | 2348        | 0.060               | 0.000      | 0.061               | 1.000      |
| I         | D          | 2448        | 0.137               | 0.000      | 0.138               | 0.500      |
| I         | E          | 2547        | 0.237               | -0.500     | 0.239               | 0.000      |

### **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/26/2023 Method: GC

**Analyst Name: Sanders, Leeona** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | A          | 2132        | 0.081               | -0.500     | 0.081               | -0.500     |
| I         | E          | 2532        | 0.238               | -0.250     | 0.239               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/26/2023 Method: GC

**Analyst Name: Sanders, Leeona** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2233        | 0.088               | -1.000     | 0.089               | 0.000      |
| ı         | С          | 2334        | 0.061               | 1.000      | 0.061               | 1.000      |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/16/2023 Method: GC

**Analyst Name: Schoeppner, Hannah** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | A          | 2148        | 0.083               | 0.500      | 0.081               | -0.500     |
| I         | В          | 2248        | 0.091               | 2.000      | 0.090               | 1.000      |
| I         | С          | 2349        | 0.062               | 2.000      | 0.061               | 1.000      |
| I         | D          | 2449        | 0.140               | 1.500      | 0.139               | 1.000      |
| I         | E          | 2548        | 0.242               | 0.750      | 0.241               | 0.500      |

### **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/20/2023 Method: GC

Analyst Name: Shan, Xiaoqin

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2433        | 0.136               | -0.500     | 0.137               | 0.000      |
| ı         | Е          | 2533        | 0.237               | -0.500     | 0.237               | -0.500     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev | IN  | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/06/2023 Method: GC

**Analyst Name: Shanks, Christopher** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2133        | 0.080               | -1.000     | 0.080               | -1.000     |
| 1         | В          | 2234        | 0.087               | -2.000     | 0.087               | -2.000     |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/01/2023 Method: GC

**Analyst Name: Shanks, Christopher** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2335        | 0.061               | 1.000      | 0.060               | 0.000      |
| I         | D          | 2434        | 0.136               | -0.500     | 0.137               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit  | Upper Limit | Moon (Ava) | Std Dev | Number Out Of Range |               | ut Of Range   |
|-------|--------------|-------------|------------|---------|---------------------|---------------|---------------|
| Level | Lower Lillin | Upper Limit | Mean (Avg) | Sid Dev | N                   | 1st Iteration | 2nd Iteration |
| Α     | 0.076        | 0.088       | 0.082      | 0.002   | 100                 | 0             | 0             |
| В     | 0.086        | 0.092       | 0.089      | 0.001   | 102                 | 0             | 0             |
| С     | 0.057        | 0.063       | 0.060      | 0.001   | 98                  | 0             | 0             |
| D     | 0.131        | 0.143       | 0.137      | 0.002   | 96                  | 0             | 0             |
| Е     | 0.227        | 0.251       | 0.239      | 0.004   | 96                  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

**Analyst Name: Shaw, Kristie** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | A          | 2134        | 0.081               | -0.500     | 0.081               | -0.500     |
| - 1       | Е          | 2534        | 0.238               | -0.250     | 0.238               | -0.250     |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev |     | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

**Analyst Name: Shaw, Kristie** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2235        | 0.089               | 0.000      | 0.089               | 0.000      |
| 1         | С          | 2336        | 0.060               | 0.000      | 0.060               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number O      | ut Of Range   |
|-------|-------------|-------------|------------|---------|-----|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev |     | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/19/2023 Method: GC

**Analyst Name: Shoff, Elisa** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| ٦ | Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|---|-----------|------------|-------------|---------------------|------------|---------------------|------------|
|   | I         | D          | 2435        | 0.131               | -3.000     | 0.136               | -0.500     |
|   | I         | Е          | 2535        | 0.235               | -1.000     | 0.238               | -0.250     |

## **Proficiency Cycle Statistics**

| Lovel | Lower Limit | Unnarlimit  | Moon (Ava) | Std Dov | Std Dev N Number Out Of Ran |               |               |
|-------|-------------|-------------|------------|---------|-----------------------------|---------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | N                           | 1st Iteration | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100                         | 0             | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102                         | 0             | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98                          | 0             | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96                          | 0             | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96                          | 0             | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/25/2023 Method: GC

**Analyst Name: Slone, Caitlin** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2135        | 0.083               | 0.500      | 0.084               | 1.000      |
| I         | В          | 2236        | 0.090               | 1.000      | 0.090               | 1.000      |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/25/2023 Method: GC

**Analyst Name: Slone, Caitlin** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | Α          | 2136        | 0.083               | 0.500      | 0.083               | 0.500      |
| I         | Е          | 2536        | 0.239               | 0.000      | 0.239               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | IN  | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/16/2023 Method: GC

**Analyst Name: Tiscione, Nicholas** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | В          | 2239        | 0.088               | -1.000     | 0.088               | -1.000     |
| I         | С          | 2340        | 0.061               | 1.000      | 0.060               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | NI  | Number Out Of Range |               |  |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|--|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN  | 1st Iteration       | 2nd Iteration |  |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |  |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |  |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |  |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |  |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |  |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/13/2023 Method: GC

**Analyst Name: Toth, Mary Lou** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2439        | 0.140               | 1.500      | 0.139               | 1.000      |
| I         | E          | 2539        | 0.239               | 0.000      | 0.246               | 1.750      |

## **Proficiency Cycle Statistics**

| Lovel | LowerLimit  | Unnarlimit  | Moon (Ava) | Std Dev | N    | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|------|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | IN . | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100  | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102  | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98   | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96   | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96   | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

Analyst Name: Tran-Cook, Thu

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2139        | 0.083               | 0.500      | 0.081               | -0.500     |
| I         | В          | 2240        | 0.089               | 0.000      | 0.089               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovel | Lowerlimit  | Unnarlimit  | Moon (Ava) | Std Dev | NI   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|------|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sid Dev | IN . | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100  | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102  | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98   | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96   | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96   | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/24/2023 Method: GC

**Analyst Name: Troescher, Lisa** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2341        | 0.060               | 0.000      | 0.060               | 0.000      |
| 1         | D          | 2440        | 0.138               | 0.500      | 0.137               | 0.000      |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dov | Std Dev N | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----------|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev |           | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100       | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102       | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98        | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96        | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96        | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 11/01/2023 Method: GC

**Analyst Name: Watts, Hannah** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2140        | 0.083               | 0.500      | 0.079               | -1.500     |
| I         | E          | 2540        | 0.237               | -0.500     | 0.237               | -0.500     |

## **Proficiency Cycle Statistics**

| Lovel | Lowerlimit  | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sia Dev | N   | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/26/2023 Method: GC

**Analyst Name: You, Victor** 

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | D          | 2441        | 0.136               | -0.500     | 0.135               | -1.000     |
| 1         | Е          | 2541        | 0.234               | -1.250     | 0.235               | -1.000     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Stu Dev | , N | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/17/2023 Method: GC

Analyst Name: Zaney, Mary Elizabeth

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | А          | 2141        | 0.081               | -0.500     | 0.082               | 0.000      |
| 1         | В          | 2241        | 0.088               | -1.000     | 0.087               | -2.000     |

## **Proficiency Cycle Statistics**

| Lovol | Lower Limit | Upper Limit | Moon (Ava) | Std Dov | Std Dev N | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----------|---------------------|---------------|
| Level | Lower Limit | Upper Limit | Mean (Avg) | Sta Dev |           | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100       | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102       | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98        | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96        | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96        | 0                   | 0             |

### **BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT**

Proficiency Cycle: 23C2 Receive Results By: 10/19/2023 Method: GC

Analyst Name: Zumaeta, Edward

Your 23C2 Proficiency test outcome is: Satisfactory

#### **Evaluation Procedure:**

<u>First Iteration</u>: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

| Test Type | Vial Level | Vial Number | Results #1 Reported | #1 Z Score | Results #2 Reported | #2 Z Score |
|-----------|------------|-------------|---------------------|------------|---------------------|------------|
| I         | С          | 2342        | 0.061               | 1.000      | 0.061               | 1.000      |
| I         | D          | 2442        | 0.136               | -0.500     | 0.136               | -0.500     |

## **Proficiency Cycle Statistics**

| Level | Lower Limit | Upper Limit | Mean (Avg) | Std Dev | N   | Number Out Of Range |               |
|-------|-------------|-------------|------------|---------|-----|---------------------|---------------|
|       |             |             |            |         |     | 1st Iteration       | 2nd Iteration |
| Α     | 0.076       | 0.088       | 0.082      | 0.002   | 100 | 0                   | 0             |
| В     | 0.086       | 0.092       | 0.089      | 0.001   | 102 | 0                   | 0             |
| С     | 0.057       | 0.063       | 0.060      | 0.001   | 98  | 0                   | 0             |
| D     | 0.131       | 0.143       | 0.137      | 0.002   | 96  | 0                   | 0             |
| Е     | 0.227       | 0.251       | 0.239      | 0.004   | 96  | 0                   | 0             |