

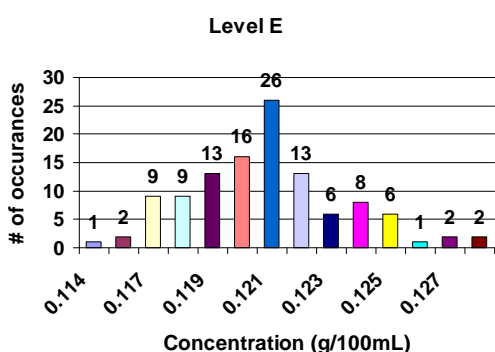
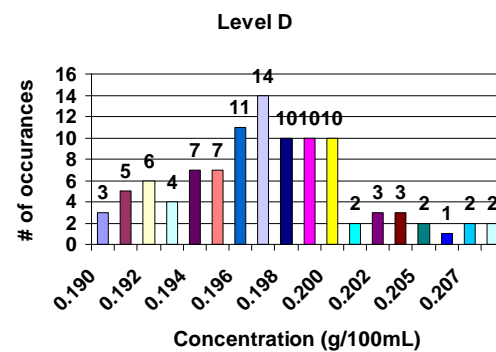
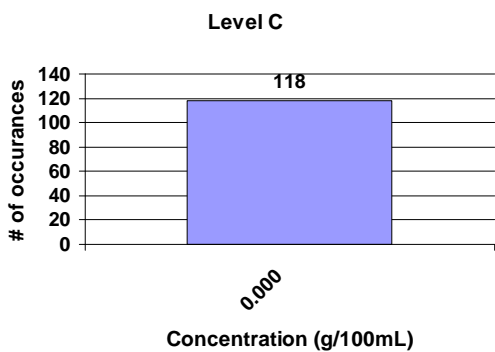
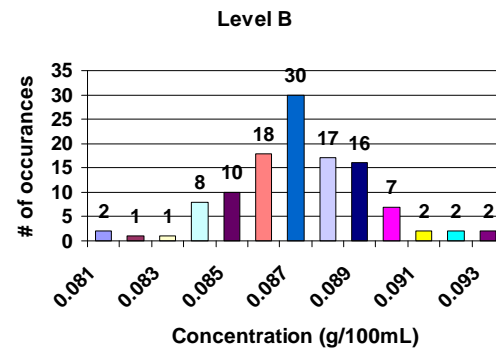
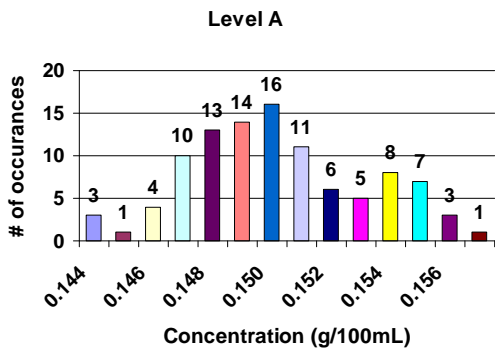
# 2019 Cycle 1 Blood Proficiency Test Results Summary

## Statistics - First Iteration

| Level | N   | Mean  | Std Dev (SD) | Mean - 3 (SD) | Mean + 3 (SD) |
|-------|-----|-------|--------------|---------------|---------------|
| A     | 102 | 0.150 | 0.003        | 0.141         | 0.159         |
| B     | 116 | 0.087 | 0.002        | 0.081         | 0.093         |
| C     | 118 | 0.000 | 0.000        | 0.000         | 0.000         |
| D     | 104 | 0.197 | 0.006        | 0.179         | 0.215         |
| E     | 114 | 0.121 | 0.003        | 0.112         | 0.130         |

## Statistics - Second Iteration

| Level | N   | Mean  | Std Dev (SD) | Mean - 3 (SD) | Mean + 3 (SD) |
|-------|-----|-------|--------------|---------------|---------------|
| A     | 102 | 0.150 | 0.003        | 0.141         | 0.159         |
| B     | 116 | 0.087 | 0.002        | 0.081         | 0.093         |
| C     | 118 | 0.000 | 0.000        | 0.000         | 0.000         |
| D     | 102 | 0.197 | 0.004        | 0.185         | 0.209         |
| E     | 114 | 0.121 | 0.003        | 0.112         | 0.130         |



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15218      Method GC  
 Analyst Name Adams, Susan

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1301        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1401        | 0.201                      | 1.0        | 0.201                      | 1.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15075      Method GC  
 Analyst Name Allard, Roger

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1201        | 0.085                      | -1.0       | 0.085                      | -1.0       |
| Initial   | E        | 1501        | 0.117                      | -1.3       | 0.117                      | -1.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15097      Method GC  
 Analyst Name Anderson, Carla

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1101        | 0.148                      | -0.7       | 0.153                      | 1.0        |
| Initial   | D        | 1402        | 0.194                      | -0.8       | 0.196                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15171      Method GC  
 Analyst Name Baldwin, Jacquelyn

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1302        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1502        | 0.120                      | -0.3       | 0.122                      | 0.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15090      Method GC  
 Analyst Name Boland, Diane

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1202        | 0.086                      | -0.5       | 0.086                      | -0.5       |
| Initial   | E        | 1503        | 0.119                      | -0.7       | 0.120                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15215      Method GC  
 Analyst Name Carey, Regina

**Your 19C1 proficiency test outcome is Satisfactory**

**Evaluation Procedure**

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1102        | 0.155                      | 1.7        | 0.150                      | 0.0        |
| Initial   | B        | 1203        | 0.089                      | 1.0        | 0.087                      | 0.0        |

**Proficiency Cycle Statistics**

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15253      Method GC  
 Analyst Name Carswell, Katheryn

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1303        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1571        | 0.125                      | 1.3        | 0.123                      | 0.7        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15286      Method GC  
 Analyst Name Catlin (Rev. 1), Tara

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1103        | 0.154                      | 1.3        | 0.154                      | 1.3        |
| Initial   | B        | 1204        | 0.090                      | 1.5        | 0.090                      | 1.5        |
| Initial   | C        | 1304        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1404        | 0.208                      | 2.8        | 0.205                      | 2.0        |
| Initial   | E        | 1506        | 0.128                      | 2.3        | 0.126                      | 1.7        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15287      Method GC  
 Analyst Name Chin (Rev. 1), Jenna

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1104        | 0.155                      | 1.7        | 0.154                      | 1.3        |
| Initial   | C        | 1305        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15319      Method GC  
 Analyst Name DeVincenzo, Timothy

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1105        | 0.151                      | 0.3        | 0.156                      | 2.0        |
| Initial   | B        | 1205        | 0.089                      | 1.0        | 0.092                      | 2.5        |
| Initial   | C        | 1306        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1405        | 0.199                      | 0.5        | 0.205                      | 2.0        |
| Initial   | E        | 1507        | 0.128                      | 2.3        | 0.123                      | 0.7        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15276      Method GC  
 Analyst Name D'Orazio, Amanda

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1106        | 0.150                      | 0.0        | 0.149                      | -0.3       |
| Initial   | C        | 1307        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15239      Method GC  
 Analyst Name Finkelstein, Marissa

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1206        | 0.084                      | -1.5       | 0.084                      | -1.5       |
| Initial   | D        | 1406        | 0.191                      | -1.5       | 0.190                      | -1.8       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15141      Method GC  
 Analyst Name Gagen, Sara

**Your 19C1 proficiency test outcome is Satisfactory**

**Evaluation Procedure**

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1107        | 0.148                      | -0.7       | 0.149                      | -0.3       |
| Initial   | B        | 1207        | 0.086                      | -0.5       | 0.087                      | 0.0        |

**Proficiency Cycle Statistics**

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15313      Method GC  
 Analyst Name Geisbert (HS108), William

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1108        | 0.153                      | 1.0        | 0.153                      | 1.0        |
| Initial   | B        | 1208        | 0.091                      | 2.0        | 0.090                      | 1.5        |
| Initial   | C        | 1308        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1407        | 0.199                      | 0.5        | 0.199                      | 0.5        |
| Initial   | E        | 1508        | 0.124                      | 1.0        | 0.125                      | 1.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15314      Method GC  
 Analyst Name Geisbert (HS110), William

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1109        | 0.151                      | 0.3        | 0.150                      | 0.0        |
| Initial   | B        | 1209        | 0.088                      | 0.5        | 0.088                      | 0.5        |
| Initial   | C        | 1309        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1408        | 0.199                      | 0.5        | 0.198                      | 0.3        |
| Initial   | E        | 1509        | 0.122                      | 0.3        | 0.122                      | 0.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15240      Method GC  
 Analyst Name Giachetti, Alexander

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1110        | 0.146                      | -1.3       | 0.148                      | -0.7       |
| Initial   | B        | 1210        | 0.087                      | 0.0        | 0.086                      | -0.5       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15277      Method GC  
 Analyst Name Gilton (Rev. 1), Kelsey

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1310        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1409        | 0.206                      | 2.3        | 0.207                      | 2.5        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15194      Method GC  
 Analyst Name Gonyea, Jennifer

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1211        | 0.085                      | -1.0       | 0.085                      | -1.0       |
| Initial   | D        | 1410        | 0.190                      | -1.8       | 0.191                      | -1.5       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15241      Method GC  
 Analyst Name Gottal, Josephine

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1212        | 0.088                      | 0.5        | 0.088                      | 0.5        |
| Initial   | D        | 1411        | 0.194                      | -0.8       | 0.195                      | -0.5       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15320      Method GC  
 Analyst Name Harvan, Michael

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1111        | 0.150                      | 0.0        | 0.146                      | -1.3       |
| Initial   | B        | 1213        | 0.088                      | 0.5        | 0.087                      | 0.0        |
| Initial   | C        | 1311        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1412        | 0.198                      | 0.3        | 0.192                      | -1.3       |
| Initial   | E        | 1510        | 0.122                      | 0.3        | 0.119                      | -0.7       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15039      Method GC  
 Analyst Name Hime, George

**Your 19C1 proficiency test outcome is Satisfactory**

**Evaluation Procedure**

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1112        | 0.146                      | -1.3       | 0.147                      | -1.0       |
| Initial   | E        | 1511        | 0.118                      | -1.0       | 0.119                      | -0.7       |

**Proficiency Cycle Statistics**

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15191      Method GC  
 Analyst Name Huene (HS110), Lauren

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1214        | 0.085                      | -1.0       | 0.085                      | -1.0       |
| Initial   | C        | 1312        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15202      Method GC  
 Analyst Name Humphrey, Susan

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1313        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1513        | 0.117                      | -1.3       | 0.117                      | -1.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 12129      Method GC  
 Analyst Name Jacobs (2.0.17r2), Monica

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1215        | 0.089                      | 1.0        | 0.089                      | 1.0        |
| Initial   | D        | 1413        | 0.200                      | 0.8        | 0.202                      | 1.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15298      Method GC  
 Analyst Name Jacobs (2.0.34r1), Monica

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1114        | 0.155                      | 1.7        | 0.156                      | 2.0        |
| Initial   | E        | 1514        | 0.125                      | 1.3        | 0.124                      | 1.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15149      Method GC  
 Analyst Name Kahl, Joseph

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | D        | 1414        | 0.192                      | -1.3       | 0.193                      | -1.0       |
| Initial   | E        | 1515        | 0.118                      | -1.0       | 0.119                      | -0.7       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15279      Method GC  
 Analyst Name Kahl (2.0.17r2), Kristin

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1216        | 0.089                      | 1.0        | 0.089                      | 1.0        |
| Initial   | C        | 1314        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15297      Method GC  
 Analyst Name Kahl (2.0.34r1), Kristin

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | D        | 1415        | 0.194                      | -0.8       | 0.197                      | 0.0        |
| Initial   | E        | 1516        | 0.114                      | -2.3       | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15197      Method GC  
 Analyst Name Kamandulis (AA-4), Linet

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1217        | 0.087                      | 0.0        | 0.086                      | -0.5       |
| Initial   | C        | 1315        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15270      Method GC  
 Analyst Name Kamandulis (AA-6), Linet

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1115        | 0.149                      | -0.3       | 0.150                      | 0.0        |
| Initial   | E        | 1517        | 0.121                      | 0.0        | 0.122                      | 0.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15222      Method GC  
 Analyst Name Kessler, Karen

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1218        | 0.089                      | 1.0        | 0.086                      | -0.5       |
| Initial   | D        | 1416        | 0.200                      | 0.8        | 0.203                      | 1.5        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15275      Method GC  
 Analyst Name Kotretsos, Eleni

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | D        | 1417        | 0.192                      | -1.3       | 0.193                      | -1.0       |
| Initial   | E        | 1518        | 0.116                      | -1.7       | 0.119                      | -0.7       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15278      Method GC  
 Analyst Name Kudrysch (Rev. 1), John

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1116        | 0.155                      | 1.7        | 0.154                      | 1.3        |
| Initial   | D        | 1418        | 0.203                      | 1.5        | 0.202                      | 1.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15181      Method GC  
 Analyst Name Kunsmann, Gary

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1316        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1519        | 0.121                      | 0.0        | 0.117                      | -1.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY RE-TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 5/10/2019      Participation Number 15243      Method GC  
 Analyst Name Lafferty, Mark

**Your 19C1 proficiency test outcome is Satisfactory - This report supercedes all other reports for this proficiency cycle**

#### Evaluation Procedure

First iteration 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Re-Test   | A        | 1156        | 0.145                      | -1.7       | 0.147                      | -1.0       |
| Re-Test   | B        | 1260        | 0.083                      | -2.0       | 0.086                      | -0.5       |
| Re-Test   | C        | 1361        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Re-Test   | D        | 1458        | 0.189                      | -2.0       | 0.191                      | -1.5       |
| Re-Test   | E        | 1562        | 0.114                      | -2.3       | 0.117                      | -1.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15243      Method GC  
 Analyst Name Lafferty, Mark

**Your 19C1 proficiency test outcome is Unsatisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1219        | 0.081                      | -3.0       | 0.085                      | -1.0       |
| Initial   | D        | 1419        | 0.172                      | -6.3       | 0.164                      | -8.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15195      Method GC  
 Analyst Name Lewis (AA-4), Jennifer

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1317        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1520        | 0.121                      | 0.0        | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15269      Method GC  
 Analyst Name Lewis (AA-6), Jennifer

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1117        | 0.149                      | -0.3       | 0.149                      | -0.3       |
| Initial   | B        | 1220        | 0.087                      | 0.0        | 0.087                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15125      Method GC  
 Analyst Name Maragh, Sharin

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1118        | 0.152                      | 0.7        | 0.149                      | -0.3       |
| Initial   | B        | 1221        | 0.087                      | 0.0        | 0.087                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15216      Method GC  
 Analyst Name Mark, Amy

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1318        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1521        | 0.124                      | 1.0        | 0.125                      | 1.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15064      Method GC  
 Analyst Name Mazek (AA-4), Kathleen

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1222        | 0.086                      | -0.5       | 0.086                      | -0.5       |
| Initial   | D        | 1420        | 0.197                      | 0.0        | 0.197                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15266      Method GC  
 Analyst Name Mazek (AA-6), Kathleen

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1319        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1522        | 0.120                      | -0.3       | 0.120                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15188      Method GC  
 Analyst Name McKee, Stacy

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | D        | 1421        | 0.193                      | -1.0       | 0.192                      | -1.3       |
| Initial   | E        | 1523        | 0.118                      | -1.0       | 0.119                      | -0.7       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15260      Method GC  
 Analyst Name Miller, Nicole

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1223        | 0.084                      | -1.5       | 0.084                      | -1.5       |
| Initial   | E        | 1524        | 0.117                      | -1.3       | 0.118                      | -1.0       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15201      Method GC  
 Analyst Name Miller, Russell

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1119        | 0.151                      | 0.3        | 0.151                      | 0.3        |
| Initial   | D        | 1471        | 0.197                      | 0.0        | 0.198                      | 0.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15254      Method GC  
 Analyst Name Miller (AA-4), Matheu

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | D        | 1423        | 0.196                      | -0.3       | 0.197                      | 0.0        |
| Initial   | E        | 1525        | 0.121                      | 0.0        | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15274      Method GC  
 Analyst Name Miller (AA-6), Matheu

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1120        | 0.148                      | -0.7       | 0.149                      | -0.3       |
| Initial   | B        | 1224        | 0.086                      | -0.5       | 0.087                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15147      Method GC  
 Analyst Name Montgomery (HS110), Lisa

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1225        | 0.087                      | 0.0        | 0.087                      | 0.0        |
| Initial   | E        | 1526        | 0.121                      | 0.0        | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15321      Method GC  
 Analyst Name Mulcahy, Casey

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1122        | 0.147                      | -1.0       | 0.147                      | -1.0       |
| Initial   | B        | 1226        | 0.086                      | -0.5       | 0.087                      | 0.0        |
| Initial   | C        | 1320        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1425        | 0.193                      | -1.0       | 0.194                      | -0.8       |
| Initial   | E        | 1572        | 0.117                      | -1.3       | 0.118                      | -1.0       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15317      Method GC  
 Analyst Name Nguyen, Bryan

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1124        | 0.155                      | 1.7        | 0.155                      | 1.7        |
| Initial   | B        | 1227        | 0.090                      | 1.5        | 0.090                      | 1.5        |
| Initial   | C        | 1321        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1472        | 0.208                      | 2.8        | 0.207                      | 2.5        |
| Initial   | E        | 1529        | 0.127                      | 2.0        | 0.127                      | 2.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15235      Method GC  
 Analyst Name Pacheco (AA-4), Jamie

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1125        | 0.150                      | 0.0        | 0.151                      | 0.3        |
| Initial   | E        | 1530        | 0.122                      | 0.3        | 0.122                      | 0.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15273      Method GC  
 Analyst Name Pacheco (AA-6), Jamie

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1228        | 0.087                      | 0.0        | 0.088                      | 0.5        |
| Initial   | C        | 1322        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15224      Method GC  
 Analyst Name Patel, Minakshi

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1229        | 0.087                      | 0.0        | 0.089                      | 1.0        |
| Initial   | C        | 1323        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15284      Method GC  
 Analyst Name Powell (Rev. 1), Anne

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1230        | 0.093                      | 3.0        | 0.092                      | 2.5        |
| Initial   | E        | 1531        | 0.124                      | 1.0        | 0.124                      | 1.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15176      Method GC  
 Analyst Name Raymonvil, Wilsa

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1324        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1532        | 0.118                      | -1.0       | 0.119                      | -0.7       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15126      Method GC  
 Analyst Name Reidy (2.0.17r2), Lisa

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1126        | 0.154                      | 1.3        | 0.152                      | 0.7        |
| Initial   | B        | 1231        | 0.088                      | 0.5        | 0.088                      | 0.5        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15299      Method GC  
 Analyst Name Reidy (2.0.34r1), Lisa

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1232        | 0.088                      | 0.5        | 0.089                      | 1.0        |
| Initial   | C        | 1325        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15280      Method GC  
 Analyst Name Richter, Stephanie

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1127        | 0.144                      | -2.0       | 0.146                      | -1.3       |
| Initial   | B        | 1233        | 0.087                      | 0.0        | 0.087                      | 0.0        |
| Initial   | C        | 1326        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1427        | 0.198                      | 0.3        | 0.199                      | 0.5        |
| Initial   | E        | 1533        | 0.122                      | 0.3        | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15264      Method GC  
 Analyst Name Rothrock (HS108), Tashiana

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1128        | 0.153                      | 1.0        | 0.151                      | 0.3        |
| Initial   | E        | 1534        | 0.123                      | 0.7        | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15265      Method GC  
 Analyst Name Rothrock (HS110), Tashiana

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1234        | 0.087                      | 0.0        | 0.087                      | 0.0        |
| Initial   | C        | 1327        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15312      Method GC  
 Analyst Name Samuel, Jacob

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1129        | 0.147                      | -1.0       | 0.147                      | -1.0       |
| Initial   | B        | 1235        | 0.086                      | -0.5       | 0.087                      | 0.0        |
| Initial   | C        | 1328        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1428        | 0.194                      | -0.8       | 0.192                      | -1.3       |
| Initial   | E        | 1535        | 0.119                      | -0.7       | 0.118                      | -1.0       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15204      Method GC  
 Analyst Name Sanders (AA-4), Leeona

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1236        | 0.087                      | 0.0        | 0.087                      | 0.0        |
| Initial   | D        | 1429        | 0.196                      | -0.3       | 0.196                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15271      Method GC  
 Analyst Name Sanders (AA-6), Leeona

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1130        | 0.148                      | -0.7       | 0.149                      | -0.3       |
| Initial   | C        | 1329        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15234      Method GC  
 Analyst Name Scott (HS108), Tyler

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1237        | 0.088                      | 0.5        | 0.088                      | 0.5        |
| Initial   | C        | 1330        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15233      Method GC  
 Analyst Name Scott (HS110), Tyler

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1131        | 0.149                      | -0.3       | 0.149                      | -0.3       |
| Initial   | D        | 1430        | 0.196                      | -0.3       | 0.196                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15213      Method GC  
 Analyst Name Seagle (HS108), Carol

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1238        | 0.088                      | 0.5        | 0.088                      | 0.5        |
| Initial   | D        | 1473        | 0.199                      | 0.5        | 0.197                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15124      Method GC  
 Analyst Name Seagle (HS110), Carol

**Your 19C1 proficiency test outcome is Satisfactory**

**Evaluation Procedure**

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1132        | 0.150                      | 0.0        | 0.151                      | 0.3        |
| Initial   | C        | 1331        | 0.000                      | 0.0        | 0.000                      | 0.0        |

**Proficiency Cycle Statistics**

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15228      Method GC  
 Analyst Name Seither (2.0.17r2), Joshua

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1332        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1536        | 0.118                      | -1.0       | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15300      Method GC  
 Analyst Name Seither (2.0.34r1), Joshua

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1239        | 0.082                      | -2.5       | 0.081                      | -3.0       |
| Initial   | D        | 1432        | 0.192                      | -1.3       | 0.191                      | -1.5       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15121      Method GC  
 Analyst Name Shan, Xiaoqin

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1133        | 0.148                      | -0.7       | 0.148                      | -0.7       |
| Initial   | B        | 1240        | 0.087                      | 0.0        | 0.086                      | -0.5       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15227      Method GC  
 Analyst Name Shanks (2.0.17r2), Christopher

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1134        | 0.154                      | 1.3        | 0.152                      | 0.7        |
| Initial   | C        | 1333        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15301      Method GC  
 Analyst Name Shanks (2.0.34r1), Christopher

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1135        | 0.156                      | 2.0        | 0.158                      | 2.7        |
| Initial   | B        | 1241        | 0.093                      | 3.0        | 0.089                      | 1.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15173      Method GC  
 Analyst Name Shaw (AA-4), Kristie

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1242        | 0.088                      | 0.5        | 0.089                      | 1.0        |
| Initial   | E        | 1537        | 0.121                      | 0.0        | 0.122                      | 0.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15268      Method GC  
 Analyst Name Shaw (AA-6), Kristie

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1334        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1433        | 0.197                      | 0.0        | 0.198                      | 0.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15193      Method GC  
 Analyst Name Shoff, Elisa

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1335        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1538        | 0.120                      | -0.3       | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15318      Method GC  
 Analyst Name Sibaja, Gerardo

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1136        | 0.151                      | 0.3        | 0.147                      | -1.0       |
| Initial   | B        | 1243        | 0.089                      | 1.0        | 0.088                      | 0.5        |
| Initial   | C        | 1336        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1434        | 0.198                      | 0.3        | 0.194                      | -0.8       |
| Initial   | E        | 1539        | 0.122                      | 0.3        | 0.120                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15247      Method GC  
 Analyst Name Smith, Trisha

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1137        | 0.155                      | 1.7        | 0.152                      | 0.7        |
| Initial   | D        | 1435        | 0.203                      | 1.5        | 0.200                      | 0.8        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15252      Method GC  
 Analyst Name Snow, Jenna

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | B        | 1244        | 0.087                      | 0.0        | 0.087                      | 0.0        |
| Initial   | C        | 1337        | 0.000                      | 0.0        | 0.000                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15281      Method GC  
 Analyst Name Tarlo, Olivia

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1338        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1540        | 0.120                      | -0.3       | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15122      Method GC  
 Analyst Name Tiscione, Nicholas

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1339        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1541        | 0.121                      | 0.0        | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1

Receive Results By: 4/19/2019

Participation Number 15155

Method GC

Analyst Name Titko, Justine

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1138        | 0.148                      | -0.7       | 0.150                      | 0.0        |
| Initial   | E        | 1542        | 0.119                      | -0.7       | 0.120                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15060      Method GC  
 Analyst Name Toth, Mary Lou

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1340        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1436        | 0.198                      | 0.3        | 0.197                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15223      Method GC  
 Analyst Name Troescher, Lisa

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | D        | 1437        | 0.199                      | 0.5        | 0.200                      | 0.8        |
| Initial   | E        | 1543        | 0.120                      | -0.3       | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15249      Method GC  
 Analyst Name Truong, Phuong

**Your 19C1 proficiency test outcome is Satisfactory**

**Evaluation Procedure**

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1341        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1544        | 0.119                      | -0.7       | 0.123                      | 0.7        |

**Proficiency Cycle Statistics**

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15051      Method GC  
 Analyst Name Warner (AA-4), Ryan

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1139        | 0.149                      | -0.3       | 0.150                      | 0.0        |
| Initial   | E        | 1545        | 0.120                      | -0.3       | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15267      Method GC  
 Analyst Name Warner (AA-6), Ryan

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1342        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1438        | 0.196                      | -0.3       | 0.196                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15315      Method GC  
 Analyst Name Waugaman (HS108), Ashley

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1140        | 0.154                      | 1.3        | 0.153                      | 1.0        |
| Initial   | B        | 1245        | 0.090                      | 1.5        | 0.091                      | 2.0        |
| Initial   | C        | 1343        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1439        | 0.199                      | 0.5        | 0.200                      | 0.8        |
| Initial   | E        | 1546        | 0.125                      | 1.3        | 0.125                      | 1.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15316      Method GC  
 Analyst Name Waugaman (HS110), Ashley

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1141        | 0.151                      | 0.3        | 0.150                      | 0.0        |
| Initial   | B        | 1246        | 0.088                      | 0.5        | 0.088                      | 0.5        |
| Initial   | C        | 1344        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1440        | 0.197                      | 0.0        | 0.197                      | 0.0        |
| Initial   | E        | 1547        | 0.122                      | 0.3        | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15231      Method GC  
 Analyst Name Wells (HS108), Crystal

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1345        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1548        | 0.121                      | 0.0        | 0.122                      | 0.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15230      Method GC  
 Analyst Name Wells (HS110), Crystal

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1142        | 0.149                      | -0.3       | 0.148                      | -0.7       |
| Initial   | D        | 1441        | 0.196                      | -0.3       | 0.196                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15248      Method GC  
 Analyst Name Wirth, Nicole

**Your 19C1 proficiency test outcome is Satisfactory**

**Evaluation Procedure**

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1346        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | E        | 1549        | 0.123                      | 0.7        | 0.123                      | 0.7        |

**Proficiency Cycle Statistics**

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15040      Method GC  
 Analyst Name Zaney, Mary Elizabeth

**Your 19C1 proficiency test outcome is Satisfactory**

**Evaluation Procedure**

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1347        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1442        | 0.190                      | -1.8       | 0.191                      | -1.5       |

**Proficiency Cycle Statistics**

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15206      Method GC  
 Analyst Name Zumaeta (AA-4), Edward

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | C        | 1348        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1443        | 0.197                      | 0.0        | 0.197                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15272      Method GC  
 Analyst Name Zumaeta (AA-6), Edward

**Your 19C1 proficiency test outcome is Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1143        | 0.147                      | -1.0       | 0.148                      | -0.7       |
| Initial   | B        | 1247        | 0.086                      | -0.5       | 0.086                      | -0.5       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15002      Method GC  
 Analyst Name Centre of Forensic Science

**Your 19C1 proficiency test outcome is: Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1144        | 0.149                      | -0.3       | 0.151                      | 0.3        |
| Initial   | B        | 1248        | 0.087                      | 0.0        | 0.084                      | -1.5       |
| Initial   | C        | 1349        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1444        | 0.200                      | 0.8        | 0.200                      | 0.8        |
| Initial   | E        | 1550        | 0.120                      | -0.3       | 0.122                      | 0.3        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15003      Method GC  
 Analyst Name Centre of Forensic Sciences-Toronto

**Your 19C1 proficiency test outcome is: Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1145        | 0.147                      | -1.0       | 0.150                      | 0.0        |
| Initial   | B        | 1249        | 0.087                      | 0.0        | 0.086                      | -0.5       |
| Initial   | C        | 1350        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1445        | 0.195                      | -0.5       | 0.195                      | -0.5       |
| Initial   | E        | 1551        | 0.121                      | 0.0        | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15007      Method GC  
 Analyst Name Hennepin County Medical Center

**Your 19C1 proficiency test outcome is: Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1146        | 0.154                      | 1.3        | 0.152                      | 0.7        |
| Initial   | B        | 1250        | 0.087                      | 0.0        | 0.089                      | 1.0        |
| Initial   | C        | 1351        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1446        | 0.199                      | 0.5        | 0.202                      | 1.3        |
| Initial   | E        | 1552        | 0.124                      | 1.0        | 0.124                      | 1.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15009      Method GC  
 Analyst Name Office of Attorney General-North Dakota

**Your 19C1 proficiency test outcome is: Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1148        | 0.151                      | 0.3        | 0.152                      | 0.7        |
| Initial   | B        | 1252        | 0.090                      | 1.5        | 0.089                      | 1.0        |
| Initial   | C        | 1353        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1448        | 0.198                      | 0.3        | 0.197                      | 0.0        |
| Initial   | E        | 1554        | 0.124                      | 1.0        | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15010      Method GC  
 Analyst Name Pennsylvania Department of Health

**Your 19C1 proficiency test outcome is: Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1149        | 0.144                      | -2.0       | 0.144                      | -2.0       |
| Initial   | B        | 1253        | 0.084                      | -1.5       | 0.083                      | -2.0       |
| Initial   | C        | 1354        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1449        | 0.195                      | -0.5       | 0.191                      | -1.5       |
| Initial   | E        | 1555        | 0.117                      | -1.3       | 0.116                      | -1.7       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15016      Method GC  
 Analyst Name RCMP Forensic Laboratory -Vancouver

**Your 19C1 proficiency test outcome is: Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1153        | 0.148                      | -0.7       | 0.147                      | -1.0       |
| Initial   | B        | 1257        | 0.085                      | -1.0       | 0.085                      | -1.0       |
| Initial   | C        | 1358        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1453        | 0.200                      | 0.8        | 0.200                      | 0.8        |
| Initial   | E        | 1559        | 0.121                      | 0.0        | 0.121                      | 0.0        |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15017      Method GC  
 Analyst Name RCMP Forensic Laboratory -Vancouver

**Your 19C1 proficiency test outcome is: Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1154        | 0.145                      | -1.7       | 0.147                      | -1.0       |
| Initial   | B        | 1258        | 0.084                      | -1.5       | 0.084                      | -1.5       |
| Initial   | C        | 1359        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1454        | 0.194                      | -0.8       | 0.195                      | -0.5       |
| Initial   | E        | 1560        | 0.117                      | -1.3       | 0.118                      | -1.0       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15019      Method GC  
 Analyst Name RCMP Forensic Laboratory -Ottawa

**Your 19C1 proficiency test outcome is: Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1152        | 0.150                      | 0.0        | 0.150                      | 0.0        |
| Initial   | B        | 1256        | 0.089                      | 1.0        | 0.089                      | 1.0        |
| Initial   | C        | 1357        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1452        | 0.199                      | 0.5        | 0.198                      | 0.3        |
| Initial   | E        | 1558        | 0.120                      | -0.3       | 0.120                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15115      Method GC  
 Analyst Name RCMP Forensic Laboratory-Vancouver

**Your 19C1 proficiency test outcome is: Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1155        | 0.148                      | -0.7       | 0.149                      | -0.3       |
| Initial   | B        | 1259        | 0.086                      | -0.5       | 0.087                      | 0.0        |
| Initial   | C        | 1360        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1455        | 0.196                      | -0.3       | 0.195                      | -0.5       |
| Initial   | E        | 1561        | 0.119                      | -0.7       | 0.120                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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



# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15177      Method GC  
 Analyst Name RCMP Forensic Laboratory- Edmonton

**Your 19C1 proficiency test outcome is: Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1150        | 0.150                      | 0.0        | 0.150                      | 0.0        |
| Initial   | B        | 1254        | 0.086                      | -0.5       | 0.087                      | 0.0        |
| Initial   | C        | 1355        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1450        | 0.200                      | 0.8        | 0.197                      | 0.0        |
| Initial   | E        | 1556        | 0.120                      | -0.3       | 0.120                      | -0.3       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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

# Florida Department of Law Enforcement

## Alcohol Testing Program

### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 19C1      Receive Results By: 4/19/2019      Participation Number 15180      Method GC  
 Analyst Name RCMP Forensic Laboratory- Edmonton (Kit#2)

**Your 19C1 proficiency test outcome is: Satisfactory**

#### Evaluation Procedure

First iteration: 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.

| Type Test | Level ID | Vial Number | Results #1 Reported (g/dL) | #1 Z Score | Results #2 Reported (g/dL) | #2 Z Score |
|-----------|----------|-------------|----------------------------|------------|----------------------------|------------|
| Initial   | A        | 1151        | 0.150                      | 0.0        | 0.148                      | -0.7       |
| Initial   | B        | 1255        | 0.086                      | -0.5       | 0.085                      | -1.0       |
| Initial   | C        | 1356        | 0.000                      | 0.0        | 0.000                      | 0.0        |
| Initial   | D        | 1451        | 0.198                      | 0.3        | 0.195                      | -0.5       |
| Initial   | E        | 1557        | 0.119                      | -0.7       | 0.119                      | -0.7       |

#### Proficiency Cycle Statistics

| Level | Lower Limit | Upper Limit | Mean (Average) | Std Dev | N   | Number Out of Range |          |
|-------|-------------|-------------|----------------|---------|-----|---------------------|----------|
|       |             |             |                |         |     | 1st Iter            | 2nd Iter |
| A     | 0.141       | 0.159       | 0.150          | 0.003   | 102 | 0                   | 0        |
| B     | 0.081       | 0.093       | 0.087          | 0.002   | 116 | 0                   | 0        |
| C     | 0.000       | 0.000       | 0.000          | 0.000   | 118 | 0                   | 0        |
| D     | 0.185       | 0.209       | 0.197          | 0.004   | 102 | 1                   | 1        |
| E     | 0.112       | 0.130       | 0.121          | 0.003   | 114 | 0                   | 0        |

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