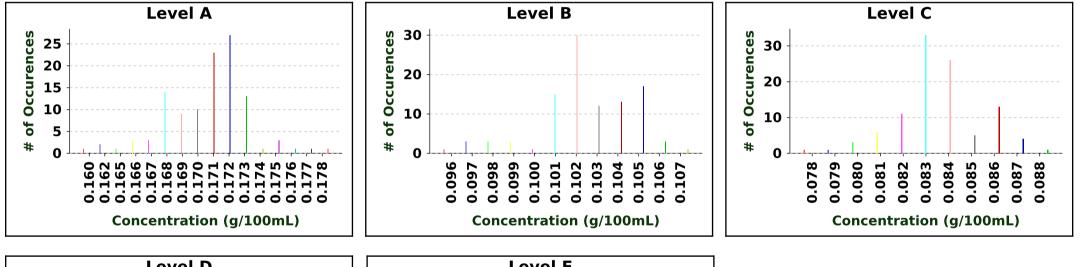
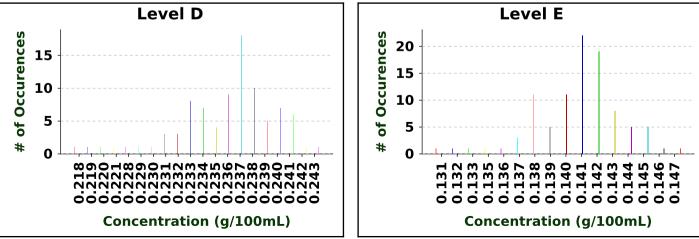
# 2021 Cycle 2 Blood Proficiency Test Results Summary

	Statistics - First Iteration										
Level	Ν	Mean + 3 (SD)									
A	114	0.171	0.003	0.162	0.180						
В	114	0.103	0.002	0.097	0.109						
С	112	0.084	0.002	0.078	0.090						
D	110	0.236	0.004	0.224	0.248						
E	110	0.141	0.003	0.132	0.150						

	Statistics - Second Iteration										
Level	Ν	Mean	Std Dev (SD)	Mean - 3 (SD)	Mean + 3 (SD)						
Α	112	0.171	0.002	0.165	0.177						
В	112	0.103	0.002	0.097	0.109						
С	112	0.084	0.002	0.078	0.090						
D	106	0.237	0.003	0.228	0.246						
E	108	0.141	0.003	0.132	0.150						





### **BLOOD ALCOHOL PROFICIENCY RE-TEST TEST OUTCOME REPORT**

Proficiency Cycle: 21C2

Receive Results By: 11/17/2021

Method: GC

Analyst Name: Abraham, Dhanya

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
R	А	2158	0.172	0.500	0.167	-2.000
R	В	2258	0.098	-2.500	0.099	-2.000
R	С	2357	0.080	-2.000	0.081	-1.500
R	D	2457	0.234	-1.000	0.234	-1.000
R	E	2557	0.146	1.667	0.143	0.667

**Proficiency Cycle Statistics** 

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev		1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Abraham, Dhanya

Your 21C2 Proficiency test outcome is: Unsatisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	А	2101	0.162	-3.000	0.160	-3.667
I	В	2201	0.101	-1.000	0.099	-2.000

#### **Proficiency Cycle Statistics**

	LowerLimit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level	Lower Limit	Upper Limit	Mean (Avg)	Sta Dev	N	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

### **BLOOD ALCOHOL PROFICIENCY RE-TEST TEST OUTCOME REPORT**

Proficiency Cycle: 21C2

Receive Results By: 11/17/2021

Method: GC

Analyst Name: Anderson, Carla

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
R	А	2159	0.167	-2.000	0.168	-1.500
R	В	2259	0.102	-0.500	0.099	-2.000
R	С	2358	0.082	-1.000	0.081	-1.500
R	D	2458	0.233	-1.333	0.238	0.333
R	E	2558	0.143	0.667	0.145	1.333

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Anderson, Carla

Your 21C2 Proficiency test outcome is: Unsatisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	С	2301	0.081	-1.500	0.079	-2.500
I	D	2401	0.220	-4.000	0.221	-3.750

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

### **BLOOD ALCOHOL PROFICIENCY RE-TEST TEST OUTCOME REPORT**

Proficiency Cycle: 21C2

Receive Results By: 11/17/2021

Method: GC

Analyst Name: Baldwin, Jacquelyn

Your 21C2 Proficiency test outcome is: Unsatisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
R	А	2160	0.164	-3.500	0.169	-1.000
R	В	2260	0.100	-1.500	0.101	-1.000
R	С	2359	0.081	-1.500	0.083	-0.500
R	D	2459	0.233	-1.333	0.230	-2.333
R	E	2559	0.138	-1.000	0.141	0.000

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit		Std Dev	N	Number Out Of Range	
Levei			Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
A	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Baldwin, Jacquelyn

Your 21C2 Proficiency test outcome is: Unsatisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2102	0.162	-4.500	0.166	-2.500
I	E	2501	0.135	-2.000	0.132	-3.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Barbe, Stephanie

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2202	0.097	-3.000	0.099	-2.000
I	С	2302	0.080	-2.000	0.081	-1.500

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/26/2021

Method: GC

Analyst Name: Baxter, Kathryn

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2137	0.173	1.000	0.168	-1.500
Ι	В	2237	0.103	0.000	0.101	-1.000
Ι	С	2336	0.084	0.000	0.082	-1.000
Ι	D	2436	0.237	0.000	0.235	-0.667
Ι	E	2536	0.143	0.667	0.142	0.333

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/19/2021

Method: GC

Analyst Name: Boland, Diane

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2402	0.233	-1.333	0.230	-2.333
I	E	2502	0.138	-1.000	0.138	-1.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/19/2021

Method: GC

Analyst Name: Bugden, Kelly

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2138	0.171	0.000	0.172	0.500
Ι	В	2238	0.104	0.500	0.104	0.500
Ι	С	2337	0.083	-0.500	0.083	-0.500
Ι	D	2437	0.236	-0.333	0.236	-0.333
Ι	E	2537	0.141	0.000	0.141	0.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)		IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/19/2021

Method: GC

Analyst Name: Bugden, Kelly

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2139	0.172	0.500	0.172	0.500
Ι	В	2239	0.103	0.000	0.103	0.000
Ι	С	2338	0.085	0.500	0.084	0.000
Ι	D	2438	0.238	0.333	0.238	0.333
Ι	E	2538	0.142	0.333	0.141	0.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/11/2021

Method: GC

Analyst Name: Carey, Regina

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2103	0.175	2.000	0.175	2.000
I	В	2203	0.105	1.000	0.107	2.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Carswell, Katheryn

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	С	2303	0.084	0.000	0.085	0.500
I	D	2403	0.237	0.000	0.241	1.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/19/2021

Method: GC

Analyst Name: Catlin, Tara

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2104	0.171	0.000	0.172	0.500
I	E	2503	0.140	-0.333	0.141	0.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/26/2021

Method: GC

Analyst Name: Cattie, Shannon

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2204	0.102	-0.500	0.103	0.000
I	С	2304	0.084	0.000	0.085	0.500

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/20/2021

Method: GC

Analyst Name: Chin, Jenna

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2404	0.238	0.333	0.236	-0.333
I	E	2504	0.140	-0.333	0.142	0.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Drake, Justine

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2105	0.171	0.000	0.171	0.000
I	В	2205	0.104	0.500	0.103	0.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Drayton, Brittney

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2140	0.172	0.500	0.172	0.500
Ι	В	2240	0.105	1.000	0.104	0.500
Ι	С	2339	0.086	1.000	0.087	1.500
Ι	D	2439	0.239	0.667	0.240	1.000
Ι	E	2539	0.145	1.333	0.146	1.667

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	Number O	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration	
Α	0.165	0.177	0.171	0.002	112	1	2	
В	0.097	0.109	0.103	0.002	112	1	0	
С	0.078	0.090	0.084	0.002	112	0	0	
D	0.228	0.246	0.237	0.003	106	2	0	
E	0.132	0.150	0.141	0.003	108	1	0	

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Drayton, Brittney

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2141	0.172	0.500	0.172	0.500
Ι	В	2241	0.104	0.500	0.105	1.000
Ι	С	2340	0.084	0.000	0.084	0.000
Ι	D	2440	0.238	0.333	0.237	0.000
Ι	E	2540	0.144	1.000	0.143	0.667

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit		Std Dev	N	Number O	Number Out Of Range	
Levei			Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration	
A	0.165	0.177	0.171	0.002	112	1	2	
В	0.097	0.109	0.103	0.002	112	1	0	
С	0.078	0.090	0.084	0.002	112	0	0	
D	0.228	0.246	0.237	0.003	106	2	0	
E	0.132	0.150	0.141	0.003	108	1	0	

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Drayton, Brittney

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2142	0.172	0.500	0.172	0.500
Ι	В	2242	0.105	1.000	0.105	1.000
Ι	С	2341	0.085	0.500	0.085	0.500
Ι	D	2441	0.238	0.333	0.239	0.667
Ι	E	2541	0.143	0.667	0.143	0.667

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	Number O	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration	
Α	0.165	0.177	0.171	0.002	112	1	2	
В	0.097	0.109	0.103	0.002	112	1	0	
С	0.078	0.090	0.084	0.002	112	0	0	
D	0.228	0.246	0.237	0.003	106	2	0	
E	0.132	0.150	0.141	0.003	108	1	0	

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

Proficiency Cycle: 21C2

Receive Results By: 10/29/2021

Method: GC

Analyst Name: Fenton, Emily

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	С	2305	0.084	0.000	0.084	0.000
I	D	2405	0.237	0.000	0.236	-0.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range		
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration	
Α	0.165	0.177	0.171	0.002	112	1	2	
В	0.097	0.109	0.103	0.002	112	1	0	
С	0.078	0.090	0.084	0.002	112	0	0	
D	0.228	0.246	0.237	0.003	106	2	0	
E	0.132	0.150	0.141	0.003	108	1	0	

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Finkelstein, Marissa

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2106	0.168	-1.500	0.168	-1.500
I	E	2505	0.140	-0.333	0.138	-1.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range		
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration	
Α	0.165	0.177	0.171	0.002	112	1	2	
В	0.097	0.109	0.103	0.002	112	1	0	
С	0.078	0.090	0.084	0.002	112	0	0	
D	0.228	0.246	0.237	0.003	106	2	0	
E	0.132	0.150	0.141	0.003	108	1	0	

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Giachetti, Alexander

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2206	0.102	-0.500	0.101	-1.000
I	С	2306	0.083	-0.500	0.082	-1.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range		
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration	
Α	0.165	0.177	0.171	0.002	112	1	2	
В	0.097	0.109	0.103	0.002	112	1	0	
С	0.078	0.090	0.084	0.002	112	0	0	
D	0.228	0.246	0.237	0.003	106	2	0	
E	0.132	0.150	0.141	0.003	108	1	0	

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Gonyea, Jennifer

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2107	0.168	-1.500	0.167	-2.000
I	В	2207	0.101	-1.000	0.101	-1.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/28/2021

Method: GC

Analyst Name: Gottal, Josephine

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	С	2307	0.085	0.500	0.084	0.000
I	D	2407	0.237	0.000	0.235	-0.667

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/26/2021

Method: GC

Analyst Name: Grossman, Hannah

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2108	0.168	-1.500	0.170	-0.500
I	E	2507	0.136	-1.667	0.141	0.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Hellman, Janice

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2147	0.167	-2.000	0.171	0.000
Ι	В	2247	0.101	-1.000	0.101	-1.000
Ι	С	2346	0.081	-1.500	0.082	-1.000
Ι	D	2446	0.233	-1.333	0.229	-2.667
Ι	E	2546	0.138	-1.000	0.139	-0.667

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/22/2021

Method: GC

Analyst Name: Hellman, Janice

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2146	0.168	-1.500	0.170	-0.500
Ι	В	2246	0.101	-1.000	0.102	-0.500
Ι	С	2345	0.082	-1.000	0.082	-1.000
Ι	D	2445	0.234	-1.000	0.237	0.000
Ι	E	2545	0.140	-0.333	0.140	-0.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Hime, George

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2208	0.101	-1.000	0.101	-1.000
I	С	2308	0.082	-1.000	0.082	-1.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/25/2021

Method: GC

Analyst Name: Hinds, Kelly

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2143	0.165	-3.000	0.165	-3.000
Ι	В	2243	0.098	-2.500	0.098	-2.500
Ι	С	2342	0.083	-0.500	0.083	-0.500
Ι	D	2442	0.228	-3.000	0.235	-0.667
Ι	E	2542	0.137	-1.333	0.138	-1.000

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	N Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/22/2021

Method: GC

Analyst Name: Huene, Lauren

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2408	0.241	1.333	0.241	1.333
I	E	2508	0.144	1.000	0.145	1.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/22/2021

Method: GC

Analyst Name: Huene, Lauren

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2109	0.173	1.000	0.173	1.000
I	В	2209	0.105	1.000	0.106	1.500

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/22/2021

Method: GC

Analyst Name: Huene, Lauren

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	С	2309	0.088	2.000	0.088	2.000
I	D	2409	0.241	1.333	0.241	1.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)		IN	1st Iteration	2nd Iteration
A	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/25/2021

Method: GC

Analyst Name: Humphrey, Susan

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2110	0.168	-1.500	0.166	-2.500
I	E	2509	0.138	-1.000	0.137	-1.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Jacobs, Monica

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2210	0.105	1.000	0.103	0.000
I	С	2310	0.083	-0.500	0.083	-0.500

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Jacobs, Monica

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2410	0.231	-2.000	0.232	-1.667
I	E	2510	0.139	-0.667	0.140	-0.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/20/2021

Method: GC

Analyst Name: Jean, Kenson

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2111	0.171	0.000	0.170	-0.500
I	В	2211	0.103	0.000	0.103	0.000

#### **Proficiency Cycle Statistics**

	LowerLimit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level	Lower Limit	Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/20/2021

Method: GC

Analyst Name: Jean, Kenson

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	С	2311	0.083	-0.500	0.083	-0.500
I	D	2411	0.231	-2.000	0.236	-0.333

#### **Proficiency Cycle Statistics**

	LowerLimit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level	Lower Limit	Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/26/2021

Method: GC

Analyst Name: Johnston, Jessica

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2148	0.171	0.000	0.171	0.000
Ι	В	2248	0.102	-0.500	0.102	-0.500
Ι	С	2347	0.083	-0.500	0.083	-0.500
Ι	D	2447	0.239	0.667	0.237	0.000
Ι	E	2547	0.142	0.333	0.142	0.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/25/2021

Method: GC

Analyst Name: Johnston, Jessica

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2149	0.171	0.000	0.171	0.000
Ι	В	2249	0.103	0.000	0.103	0.000
Ι	С	2348	0.083	-0.500	0.083	-0.500
Ι	D	2448	0.238	0.333	0.238	0.333
Ι	E	2548	0.141	0.000	0.142	0.333

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/20/2021

Method: GC

Analyst Name: Johnston, Jessica

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2150	0.171	0.000	0.172	0.500
Ι	В	2250	0.103	0.000	0.103	0.000
Ι	С	2349	0.083	-0.500	0.083	-0.500
Ι	D	2449	0.239	0.667	0.240	1.000
Ι	E	2549	0.142	0.333	0.141	0.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)		IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Kahl, Joseph

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2112	0.168	-1.500	0.169	-1.000
I	E	2511	0.139	-0.667	0.138	-1.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/12/2021

Method: GC

Analyst Name: Kahl, Kristin

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2212	0.102	-0.500	0.103	0.000
I	С	2312	0.083	-0.500	0.084	0.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number O	ut Of Range
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/12/2021

Method: GC

Analyst Name: Kahl, Kristin

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2412	0.236	-0.333	0.236	-0.333
I	E	2512	0.143	0.667	0.142	0.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number O	ut Of Range
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/26/2021

Method: GC

Analyst Name: Kamandulis, Linet

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

<u>Second iteration</u>: 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.

Т	est Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
	I	А	2113	0.169	-1.000	0.169	-1.000
	I	В	2213	0.102	-0.500	0.102	-0.500

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number O	ut Of Range
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/26/2021

Method: GC

Analyst Name: Kamandulis, Linet

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	С	2313	0.083	-0.500	0.083	-0.500
I	D	2413	0.234	-1.000	0.235	-0.667

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number O	ut Of Range
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Keltz, Betsi

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2144	0.173	1.000	0.172	0.500
Ι	В	2244	0.105	1.000	0.104	0.500
Ι	С	2343	0.086	1.000	0.086	1.000
Ι	D	2443	0.240	1.000	0.241	1.333
Ι	E	2543	0.143	0.667	0.141	0.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Kloss, Julie

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2151	0.168	-1.500	0.170	-0.500
Ι	В	2251	0.103	0.000	0.102	-0.500
Ι	С	2350	0.078	-3.000	0.082	-1.000
Ι	D	2450	0.231	-2.000	0.233	-1.333
Ι	E	2550	0.133	-2.667	0.139	-0.667

### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Kopp, Emily

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2114	0.170	-0.500	0.170	-0.500
I	E	2513	0.142	0.333	0.140	-0.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Kunsman, Gary

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2214	0.097	-3.000	0.098	-2.500
I	С	2314	0.081	-1.500	0.080	-2.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/18/2021

Method: GC

Analyst Name: Leifheit, Nicole

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2414	0.233	-1.333	0.234	-1.000
I	E	2514	0.141	0.000	0.141	0.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/19/2021

Method: GC

Analyst Name: Leifheit, Nicole

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2115	0.173	1.000	0.173	1.000
I	В	2215	0.102	-0.500	0.103	0.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/18/2021

Method: GC

Analyst Name: Leifheit, Nicole

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

٦	Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
	I	С	2315	0.087	1.500	0.087	1.500
	I	D	2415	0.238	0.333	0.237	0.000

#### **Proficiency Cycle Statistics**

	LowerLimit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level	Lower Limit	Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/25/2021

Method: GC

Analyst Name: Lewis, Jennifer

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2116	0.169	-1.000	0.169	-1.000
I	E	2515	0.139	-0.667	0.140	-0.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Lewis, Jennifer

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2216	0.101	-1.000	0.101	-1.000
I	С	2316	0.082	-1.000	0.081	-1.500

#### **Proficiency Cycle Statistics**

	LowerLimit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level	Lower Limit	Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

## **BLOOD ALCOHOL PROFICIENCY RE-TEST TEST OUTCOME REPORT**

Proficiency Cycle: 21C2

Receive Results By: 11/23/2021

Method: GC

Analyst Name: Maragh, Sharin

Your 21C2 Proficiency test outcome is: Unsatisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
R	А	2161	0.165	-3.000	0.166	-2.500
R	В	2261	0.097	-3.000	0.101	-1.000
R	С	2361	0.082	-1.000	0.082	-1.000
R	D	2461	0.228	-3.000	0.227	-3.333
R	E	2561	0.142	0.333	0.139	-0.667

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)		IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Maragh, Sharin

Your 21C2 Proficiency test outcome is: Unsatisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2416	0.219	-4.250	0.218	-4.500
I	E	2516	0.132	-3.000	0.131	-3.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/21/2021

Method: GC

Analyst Name: Mark, Amy

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Typ	e Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2117	0.175	2.000	0.173	1.000
I	В	2217	0.104	0.500	0.105	1.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/12/2021

Method: GC

Analyst Name: Mazek, Kathleen

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	C	2317	0.084	0.000	0.086	1.000
I	D	2417	0.237	0.000	0.239	0.667

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/12/2021

Method: GC

Analyst Name: Mazek, Kathleen

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2118	0.171	0.000	0.172	0.500
I	E	2517	0.142	0.333	0.141	0.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/19/2021

Method: GC

Analyst Name: McEachern, Christine

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2152	0.172	0.500	0.171	0.000
Ι	В	2252	0.102	-0.500	0.102	-0.500
Ι	С	2351	0.083	-0.500	0.083	-0.500
Ι	D	2451	0.238	0.333	0.238	0.333
Ι	E	2551	0.142	0.333	0.141	0.000

### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

## **BLOOD ALCOHOL PROFICIENCY RE-TEST TEST OUTCOME REPORT**

Proficiency Cycle: 21C2

Receive Results By: 11/22/2021

Method: GC

Analyst Name: McKee, Stacy

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
R	А	2162	0.169	-1.000	0.171	0.000
R	В	2262	0.099	-2.000	0.100	-1.500
R	С	2362	0.081	-1.500	0.082	-1.000
R	D	2462	0.237	0.000	0.235	-0.667
R	E	2562	0.142	0.333	0.142	0.333

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: McKee, Stacy

Your 21C2 Proficiency test outcome is: Unsatisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2218	0.096	-3.500	0.100	-1.500
I	С	2318	0.079	-2.500	0.078	-3.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/25/2021

Method: GC

Analyst Name: Mulder, Savanna

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2418	0.237	0.000	0.238	0.333
I	E	2518	0.141	0.000	0.141	0.000

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/21/2021

Method: GC

Analyst Name: Nguyen, Bryan

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2119	0.171	0.000	0.171	0.000
I	В	2219	0.102	-0.500	0.102	-0.500

#### **Proficiency Cycle Statistics**

	LowerLimit	Uppor Limit		Std Dev	NI	Number Out Of Rang	
Level	Lower Limit	Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/15/2021

Method: GC

Analyst Name: Niskach, Lauren

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	A	2153	0.166	-2.500	0.168	-1.500
Ι	В	2253	0.102	-0.500	0.101	-1.000
Ι	С	2352	0.083	-0.500	0.083	-0.500
Ι	D	2452	0.233	-1.333	0.233	-1.333
Ι	E	2552	0.138	-1.000	0.137	-1.333

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	Number O	ut Of Range
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/30/2021

Method: GC

Analyst Name: Office of the Attorney General, North Dakota

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	A	2154	0.172	0.500	0.173	1.000
I	В	2254	0.103	0.000	0.103	0.000
Ι	С	2353	0.084	0.000	0.084	0.000
Ι	D	2453	0.238	0.333	0.238	0.333
Ι	E	2553	0.142	0.333	0.143	0.667

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/19/2021

Method: GC

Analyst Name: Okraska, Jennifer

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2155	0.172	0.500	0.171	0.000
Ι	В	2255	0.105	1.000	0.105	1.000
Ι	С	2354	0.086	1.000	0.086	1.000
Ι	D	2454	0.242	1.667	0.242	1.667
Ι	E	2554	0.145	1.333	0.145	1.333

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 11/01/2021

Method: GC

Analyst Name: Ouellette, Nancy

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2156	0.172	0.500	0.172	0.500
Ι	В	2256	0.103	0.000	0.104	0.500
Ι	С	2355	0.083	-0.500	0.084	0.000
Ι	D	2455	0.239	0.667	0.238	0.333
Ι	E	2555	0.142	0.333	0.142	0.333

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit		Std Dev	N	Number O	it Of Range	
Levei			Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration	
A	0.165	0.177	0.171	0.002	112	1	2	
В	0.097	0.109	0.103	0.002	112	1	0	
С	0.078	0.090	0.084	0.002	112	0	0	
D	0.228	0.246	0.237	0.003	106	2	0	
E	0.132	0.150	0.141	0.003	108	1	0	

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

Proficiency Cycle: 21C2

Receive Results By: 11/01/2021

Method: GC

Analyst Name: Ouellette, Nancy

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2157	0.172	0.500	0.172	0.500
Ι	В	2257	0.102	-0.500	0.102	-0.500
Ι	С	2356	0.083	-0.500	0.083	-0.500
Ι	D	2456	0.238	0.333	0.238	0.333
Ι	E	2556	0.142	0.333	0.142	0.333

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit		Std Dev	N	Number O	it Of Range	
Levei			Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration	
A	0.165	0.177	0.171	0.002	112	1	2	
В	0.097	0.109	0.103	0.002	112	1	0	
С	0.078	0.090	0.084	0.002	112	0	0	
D	0.228	0.246	0.237	0.003	106	2	0	
E	0.132	0.150	0.141	0.003	108	1	0	

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

Proficiency Cycle: 21C2

Receive Results By: 10/18/2021

Method: GC

Analyst Name: Pacheco, Jamie

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	С	2319	0.083	-0.500	0.083	-0.500
I	D	2419	0.237	0.000	0.236	-0.333

#### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	Std Dev N Number Out Of Range		
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/18/2021

Method: GC

Analyst Name: Pacheco, Jamie

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2120	0.171	0.000	0.171	0.000
I	E	2519	0.142	0.333	0.141	0.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/11/2021

Method: GC

Analyst Name: Patel, Minakshi

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2220	0.105	1.000	0.106	1.500
I	С	2320	0.085	0.500	0.087	1.500

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Pluer, Ashley

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2420	0.240	1.000	0.239	0.667
I	E	2520	0.141	0.000	0.141	0.000

### **Proficiency Cycle Statistics**

	LowerLimit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level	Lower Limit	Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Pluer, Ashley

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2121	0.171	0.000	0.171	0.000
I	В	2221	0.103	0.000	0.103	0.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Pluer, Ashley

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	C	2321	0.084	0.000	0.084	0.000
I	D	2421	0.238	0.333	0.238	0.333

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Raymonvil, Wilsa

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2122	0.168	-1.500	0.168	-1.500
I	E	2521	0.138	-1.000	0.139	-0.667

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Reidy, Lisa

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2222	0.102	-0.500	0.102	-0.500
I	С	2322	0.082	-1.000	0.083	-0.500

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number O	ut Of Range
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: Reidy, Lisa

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2422	0.234	-1.000	0.234	-1.000
I	E	2522	0.139	-0.667	0.138	-1.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/21/2021

Method: GC

Analyst Name: Rohe, Lisa

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2123	0.172	0.500	0.173	1.000
I	В	2223	0.104	0.500	0.104	0.500

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number O	ut Of Range
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/21/2021

Method: GC

Analyst Name: Rohe, Lisa

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test	t Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
	I	С	2323	0.086	1.000	0.085	0.500
	1	D	2423	0.240	1.000	0.239	0.667

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number O	ut Of Range
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/21/2021

Method: GC

Analyst Name: Rohe, Lisa

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2124	0.176	2.500	0.172	0.500
I	E	2523	0.144	1.000	0.141	0.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number O	ut Of Range
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/26/2021

Method: GC

Analyst Name: Russo, Joseph

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2224	0.102	-0.500	0.105	1.000
I	С	2324	0.083	-0.500	0.085	0.500

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number O	ut Of Range
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Samuel, Jacob

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2424	0.233	-1.333	0.232	-1.667
I	E	2524	0.140	-0.333	0.139	-0.667

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Ra	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Sanders, Leeona

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2125	0.169	-1.000	0.170	-0.500
Ι	В	2225	0.102	-0.500	0.104	0.500
Ι	С	2325	0.084	0.000	0.084	0.000
Ι	D	2425	0.235	-0.667	0.237	0.000
Ι	E	2525	0.140	-0.333	0.141	0.000

### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	NI	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Sanders, Leeona

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2126	0.171	0.000	0.172	0.500
Ι	В	2226	0.103	0.000	0.104	0.500
Ι	С	2326	0.084	0.000	0.084	0.000
Ι	D	2426	0.237	0.000	0.240	1.000
Ι	E	2526	0.142	0.333	0.143	0.667

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/26/2021

Method: GC

Analyst Name: Scharer, Courtney

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2127	0.168	-1.500	0.170	-0.500
I	В	2227	0.102	-0.500	0.102	-0.500

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Ra	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/15/2021

Method: GC

Analyst Name: Scott, Tyler

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	С	2327	0.086	1.000	0.086	1.000
I	D	2427	0.235	-0.667	0.237	0.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Ra	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/15/2021

Method: GC

Analyst Name: Scott, Tyler

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2128	0.174	1.500	0.172	0.500
I	E	2527	0.143	0.667	0.143	0.667

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Ra	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/15/2021

Method: GC

Analyst Name: Scott, Tyler

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2228	0.105	1.000	0.105	1.000
I	С	2328	0.086	1.000	0.086	1.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/19/2021

Method: GC

Analyst Name: Shan, Xiaoqin

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2428	0.235	-0.667	0.234	-1.000
I	E	2528	0.139	-0.667	0.138	-1.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/12/2021

Method: GC

Analyst Name: Shanks, Christopher

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2129	0.172	0.500	0.172	0.500
I	В	2229	0.106	1.500	0.105	1.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/12/2021

Method: GC

Analyst Name: Shanks, Christopher

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	C	2329	0.085	0.500	0.086	1.000
I	D	2429	0.237	0.000	0.237	0.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/15/2021

Method: GC

Analyst Name: Shaw, Kristie

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2130	0.169	-1.000	0.171	0.000
I	E	2529	0.142	0.333	0.141	0.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/15/2021

Method: GC

Analyst Name: Shaw, Kristie

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2230	0.102	-0.500	0.103	0.000
I	С	2330	0.084	0.000	0.084	0.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Shoff, Elisa

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2430	0.232	-1.667	0.233	-1.333
I	E	2530	0.140	-0.333	0.139	-0.667

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/28/2021

Method: GC

Analyst Name: Stewart, Victoria

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Ty	ре	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I		A	2131	0.173	1.000	0.173	1.000
I		В	2231	0.103	0.000	0.101	-1.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/25/2021

Method: GC

Analyst Name: Tarlo, Olivia

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	С	2331	0.084	0.000	0.083	-0.500
I	D	2431	0.235	-0.667	0.234	-1.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/07/2021

Method: GC

Analyst Name: Tiscione, Nicholas

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2132	0.173	1.000	0.173	1.000
I	E	2531	0.143	0.667	0.143	0.667

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	N	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Toth, Mary Lou

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2232	0.097	-3.000	0.099	-2.000
I	С	2332	0.081	-1.500	0.080	-2.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/12/2021

Method: GC

Analyst Name: Tran-Cook, Thu

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2145	0.172	0.500	0.171	0.000
Ι	В	2245	0.104	0.500	0.105	1.000
Ι	С	2344	0.084	0.000	0.086	1.000
Ι	D	2444	0.239	0.667	0.239	0.667
Ι	E	2544	0.143	0.667	0.144	1.000

### **Proficiency Cycle Statistics**

Level	Lower Limit	Uppor Limit	Moon (Ava)	Std Dev	N	N Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/12/2021

Method: GC

Analyst Name: Troescher, Lisa

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2432	0.240	1.000	0.243	2.000
I	E	2532	0.144	1.000	0.143	0.667

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Warner, Ryan

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2133	0.169	-1.000	0.169	-1.000
I	В	2233	0.102	-0.500	0.102	-0.500

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Warner, Ryan

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	C	2333	0.084	0.000	0.084	0.000
I	D	2433	0.236	-0.333	0.238	0.333

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

## **BLOOD ALCOHOL PROFICIENCY RE-TEST TEST OUTCOME REPORT**

Proficiency Cycle: 21C2

Receive Results By: 11/29/2021

Method: GC

Analyst Name: Watts, Hannah

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
R	А	2163	0.170	-0.500	0.171	0.000
R	В	2263	0.103	0.000	0.103	0.000
R	С	2363	0.085	0.500	0.085	0.500
R	D	2463	0.233	-1.333	0.236	-0.333
R	E	2563	0.140	-0.333	0.142	0.333

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/28/2021

Method: GC

Analyst Name: Watts, Hannah

Your 21C2 Proficiency test outcome is: Unsatisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2134	0.178	3.500	0.177	3.000
I	E	2533	0.145	1.333	0.147	2.000

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/27/2021

Method: GC

Analyst Name: West, Jessica

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	В	2234	0.102	-0.500	0.102	-0.500
I	С	2334	0.082	-1.000	0.083	-0.500

### **Proficiency Cycle Statistics**

	Lower Limit	Uppor Limit		Std Dev	NI	N Number Out Of Range	
Level		Upper Limit	Mean (Avg)	Slu Dev	IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/18/2021

Method: GC

Analyst Name: Wright, Deborah

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	D	2434	0.243	2.000	0.238	0.333
I	E	2534	0.143	0.667	0.143	0.667

### **Proficiency Cycle Statistics**

Level	Lower Limit	UnnorLimit		Std Dev	N	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev		1st Iteration	2nd Iteration
A	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/13/2021

Method: GC

Analyst Name: Zaney, Mary Elizabeth

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
I	A	2135	0.168	-1.500	0.167	-2.000
I	В	2235	0.102	-0.500	0.101	-1.000

### **Proficiency Cycle Statistics**

Level	Lower Limit	UnnorLimit		Std Dev	N	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)	Slu Dev		1st Iteration	2nd Iteration
A	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0

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

Proficiency Cycle: 21C2

Receive Results By: 10/14/2021

Method: GC

Analyst Name: Zumaeta, Edward

Your 21C2 Proficiency test outcome is: Satisfactory

**Evaluation Procedure:** 

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

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

Test Type	Vial Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	#2 Z Score
Ι	А	2136	0.170	-0.500	0.170	-0.500
Ι	В	2236	0.103	0.000	0.102	-0.500
Ι	С	2335	0.083	-0.500	0.083	-0.500
Ι	D	2435	0.237	0.000	0.237	0.000
Ι	E	2535	0.141	0.000	0.141	0.000

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upportingit		n (Avg) Std Dev N	Ν	Number Out Of Range	
Levei		Upper Limit	Mean (Avg)		IN	1st Iteration	2nd Iteration
Α	0.165	0.177	0.171	0.002	112	1	2
В	0.097	0.109	0.103	0.002	112	1	0
С	0.078	0.090	0.084	0.002	112	0	0
D	0.228	0.246	0.237	0.003	106	2	0
E	0.132	0.150	0.141	0.003	108	1	0