# BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15199

Method GC

Analyst Name Alamo Forensic Servies, LLC

Analyst Na

Your 15C2 proficiency test outcome is: Unsatisfactory

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and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison. Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

Initial	Initial	Initial	Initial	nitial		Test	Type
m	D	ဂ	œ	➤		ō	Level
						Number	Vial
0.000	0.000	0.000	0.000	0.000	(g/dL)	Reported	Results #1
-32.5	-52.5	-57.8	40.0	-54.5		Score	#1 Z
0.000	0.000	0.000	0.000	0.000	(g/dL)	Reported	Results #2
-32.5	-52.5	-57.8	40.0	-54.5		Score	#2 Z

### **Proficiency Cycle Statistics**

Level	Lower	Upper Limit	Mean (Average)	Std Dev	Z	Number Ou 1st Iter	lumber Out of Range 1st Iter 2nd Iter
Α	0.103	0.115	0.109	0.002	110	خسو	2
œ	0.074	0.086	0.080	0.002	110	<b>L</b>	<b>j</b> 1
C	0.219	0.243	0.231	0.004	112	<b>L</b>	<b>L</b>
O	0.099	0.111	0.105	0.002	112	0	0
П	0.059	0.071	0.065	0.002	108	0	0

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

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

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15226

Method GC

Analyst Name Alamo Forensic Services, LLC (2)

Evaluation Procedure Your 15C2 proficiency test outcome is: Unsatisfactory

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison. and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

Initial	Initial	Initial	Initial	Initial		Test	Type
m	ס	C	Ø	A		₽	Level
2557	2449	2370	2262	2133		Number	Vial
0,064	0.106	0.242	0.079	0.111	(g/dL)	Reported	Results #1
-0.5	0.5	2.8	-0.5	1.0		Score	#1 Z
0.064	0.107	0.248	0.079	0.118	(g/dL)	Reported	Results #2
-0.5	1.0	4.3	-0.5	4.5		Score	#2 Z

### **Proficiency Cycle Statistics**

m	D	c	œ	≻	Level
0.059	0.099	0.219	0.074	0.103	Lower Limit
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	Z
0	0	1	Ľ	<b>μ</b>	Numb
0	0	H	<b>;</b> -	2	lumber Out of Range 1st Iter 2nd Iter

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

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

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number

ber 15002 N

Method GC

Analyst Name Centre of Forensic Science

Allalyst Name October 1

Your 15C2 proficiency test outcome is: Satisfactory

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison. and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

Initial	Initial	Initial	Initial	Initial		Test	Type
m	D	O	8	≯		₽	Level
2529	2415	2367	2231	2174		Number	Vial
0.067	0.105	0.236	0.082	0.111	(g/dL)	Reported	Results #1
1.0	0.0	1.3	1.0	1.0		Score	#1 Z
0.067	0.105	0.237	0.081	0.110	(g/dL)	Reported	Results #2
1.0	0.0	<u>1</u> ,55	0.5	0.5		Score	#2 Z
•							

### **Proficiency Cycle Statistics**

m	ס	C	w	➤	Level
0.059	0.099	0.219	0.074	0.103	Lower Limit
0.071	0,111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	Z
0	0	<b>,</b>	لمسو	ļunk	Numb
0	0	۳	<b></b>	2	Number Out of Range 1st Iter 2nd Iter

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

# BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15003

Method GC

Analyst Name Centre of Forensic Sciences-Toronto

Your 15C2 proficiency test outcome is: Unsatisfactory

Evaluation Procedure

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

Initial	Initial	Initial	Initial	Initial		Test	Type
m	ם	C	ᄧ	Þ		ō	Level
2536	2446	2304	2267	2113		Number	Vial
0.061	0.099	0.220	0.075	0.101	(g/dL)	Reported	Results #1
-2.0	-3.0	-2.8	-2.5	4.0		Score	#1 Z
0.060	0.099	0.219	0.076	0.103	(g/dL)	Reported	Results #2
-2.5	-3.0	-3.0	-2.0	-3.0		Score	#2 Z

### Proficiency Cycle Statistics

D D D	A	œ	ဂ	D	m
Lower	0.103	0.074	0.219	0.099	0.059
Upper Limit	0.115	0.086	0.243	0.111	0.071
Mean (Average)	0.109	0.080	0.231	0.105	0.065
Std Dev	0.002	0.002	0.004	0.002	0.002
Z	110	110	112	112	108
Numb	<b>بسر</b>	1	₩	0	0
Number Out of Range 1st Iter 2nd Iter	2	<del></del>	junk	0	0

Notes:

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

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

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15007

Method GC

Analyst Name Hennepin County Medical Center

Your 15C2 proficiency test outcome is: Unsatisfactory

Evaluation Procedure

and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

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

### **Proficiency Cycle Statistics**

m	0	O	œ	➤	Level
0.059	0.099	0.219	0.074	0.103	Lower Limit
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	z
0	0	junk.	↦	1	Numbe 1st It
0	0	ļ	<b>1</b>	2	Number Out of Range 1st Iter 2nd Iter

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

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

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15005

Method GC

Analyst Name Maine Department of Human Services

Your 15C2 proficiency test outcome is: Satisfactory

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

nitial	Initial	Initial	Initial	initial		Test	Туре
m	0	C	æ	➤		٥	Level
2562	2474	2336	2217	2159		Number	Vial
0.067	0.106	0.235	0.082	0.109	(g/dL)	Reported	Results #1
<b>-1</b> .0	0.5	1.0	1.0	0.0		Score	#1 Z
0.066	0.105	0.238	0.082	0.109	(g/dL)	Reported	Results #2
C.5	0.0	1.8	1.0	0.0		Score	#2 Z

### Proficiency Cycle Statistics

m	۵	C	æ	>	Level
0.059	0.099	0.219	0.074	0.103	Lower
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	Z
0	0	1	-	þud	Number Ou 1st Iter 2
0	0	<b>L</b>	<del>  - 1</del>	2	lumber Out of Range 1st Iter 2nd Iter

Notes:

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

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

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15008

Method GC

Analyst Name Montana Department of Justice #2

Your 15C2 proficiency test outcome is: Satisfactory

Evaluation Procedure

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with

Туре	Level	Vial	Results #1	#1 Z	Results #2	#2 Z
Test	ō	Number	Reported	Score	Reported	Score
			(g/dL)		(g/dL)	
Initial	Þ	2130	0.107	-1.0	0.109	0.0
Initial	8	2252	0.079	-0.5	0.081	0.5
Initial	O	2309	0.234	0.8	0.238	1.8
Initial	D	2416	0.103	-1.0	0.107	1.0
Initial	ការ	2563	0.065	0.0	0.067	1.0

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m	D	С	œ	>	Level
0.059	0.099	0.219	0.074	0.103	Lower Limit
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	Z
0	0	↦	ı	1	Number Ou 1st Iter
0	0	н	<b>j</b>	2	lumber Out of Range 1st Iter 2nd Iter

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

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

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15179

Method GC

Analyst Name Montana Department of Justice

Your 15C2 proficiency test outcome is: Satisfactory

luation Procedure

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

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

nii ii	Initial D	Initial C	Initial B	Initial A		Test ID	Type Level
2518	2433	2357	2204	2135		Number	Vial
0.065	0.106	0.233	0.082	0.108	(g/dL)	Reported	Results #1
0.0	0.5	0.5	1.0	-0.5		Score	#1 Z
0.066	0.106	0.235	0.082	0.109	(g/dL)	Reported	Results #2
0.5	0.5	1.0	1.0	0.0		Score	#2 Z

### **Proficiency Cycle Statistics**

កា	ס	C	<b>C</b> D	⊳	Level
0.059	0.099	0.219	0.074	0.103	Lower Limit
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	Z
0	0	<del>,</del>	<b></b>	<b></b>	Numb
0	0	₩.	<b>Jună</b>	2	Number Out of Range 1st Iter 2nd Iter

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

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

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15009

Method GC

Analyst Name Office of Attorney General-North Dakota

Your 15C2 proficiency test outcome is: Satisfactory

Evaluation Procedure

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison. and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration. Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

Type Test	Level ID	Vial Number	Results #1 Reported	#1 Z Score	Results #2 Reported	en ===
			(g/dL)		(g/dL)	
nitia	Þ	2112	0.107	-1.0	0.107	
Initial	₩.	2268	0.079	-0.5	0.079	
Initial	ဂ	2323	0.230	-0.3	0.229	
Initial	D	2451	0.103	-1.0	0.103	
Initial	т	2546	0.064	-0.5	0.064	

### Proficiency Cycle Statistics

m	0	O	œ	➤	Level
0.059	0.099	0.219	0.074	0.103	Lower
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	2
0	0	1	Ľ	1	Numbe 1st It
0	0	ш	<b>}</b>	N	Number Out of Range 1st Iter 2nd Iter

Notes

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

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

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15010

Method GC

Analyst Name Pennsylvania Department of Health

Your 15C2 proficiency test outcome is: Satisfactory

Evaluation Procedure

and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison

Initial	Initial	Initial	Initial	Initial		Test	Type
iπ	o	ი	8	>		₽	Level
2515	2448	2372	2229	2150		Number	Vial
0.066	0.105	0.233	0.080	0.109	(g/dL)	Reported	Results #1
0.5	0.0	0.5	0.0	0.0		Score	#1 Z
0.066	0.105	0.234	0.080	0.109	(g/dL)	Reported	Results #2
0.5	0.0	0.8	0.0	0.0		Score	#2 Z

### **Proficiency Cycle Statistics**

m	D	C	හ	➤	Level
0.059	0.099	0.219	0.074	0.103	Lower Limit
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	_
0	0	<b></b>	H	<b></b>	Numbe 1st It
0	0	<b>,</b>	<b>Junk</b>	2	Number Out of Range 1st Iter 2nd Iter

Notes

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

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

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15016

Analyst Name RCMP Forensic Laboratory - Vancouver

Your 15C2 proficiency test outcome is: Unsatisfactory

Evaluation Procedure

and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration. Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Initial	Initial	Initial	Initial	Initial		Test	Туре
m	0	O	B	➤		ō	Level
						Number	Vial
0.000	0.000	0.000	0.000	0.000	(g/dL)	Reported	Results #1
-32.5	-52.5	-57.8	40.0	-54.5		Score	#1 Z
0.000	0.000	0.000	0.000	0.000	(g/dL)	Reported	Results #2
-32.5	-52.5	-57.8	-40.0	-54.5		Score	#2 Z

### **Proficiency Cycle Statistics**

m	O	O	₿	⊳	Level
0.059	0.099	0.219	0.074	0.103	Lower Limit
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	z
0	0	<b>j4</b>	þend	þuž	Number 1st Iter
0	0	<u>j-4</u>	<b>j—3</b>	. 2	Number Out of Range 1st Iter 2nd Iter

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

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

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15017

Method GO

Analyst Name RCMP Forensic Laboratory -Vancouver

Your 15C2 proficiency test outcome is: Satisfactory

### Evaluation Procedure

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

Type	Level	Vial	Results #1	#1 Z	Results #2	
Test	Б	Number	Reported	Score	Reported	
			(g/dL)		(g/dL)	
Initial	Þ	2121	0.110	0.5	0.110	
Initial	σ	2239	0.082	1.0	0.081	
Initial	C	2310	0.233	0.5	0.233	
Initial	0	2444	0.106	0.5	0.105	
Initial	m	2552	0.065	0.0	0.066	

### **Proficiency Cycle Statistics**

m	0	ဂ	œ	≯	Level
0.059	0.099	0.219	0.074	0.103	Lower Limit
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	z
0	0	<b>,</b>	<b>J</b> our <b>J</b>	المسو	Numbe 1st Ite
0	0	<del></del>	н	2	Number Out of Range 1st Iter 2nd Iter

Notes

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

# BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15018

Method GC

Analyst Name RCMP Forensic Laboratory -Ottawa

Your 15C2 proficiency test outcome is: Satisfactory

Evaluation Procedure and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

### **Proficiency Cycle Statistics**

n	7 T	J (	י כ	ж ;	Α	Level	
600.0	0.000	0.000	0.210	0.074	0 103	Limit	Lower
0,0/1	0 071	0.111	0.243	0.086	0.115	Limit	Upper
0.000	0 065	0.105	0.231	0.080	0.109	(Average)	Mean
0.000	0.002	0.002	0.004	0.002	0.002	Dev	Std
, (	108	112	112	<b>1</b> 10	110	Z	
Ć	>	0	-	↦	ъ	1st Iter	Numbe
•	<b>ɔ</b>	0	<b>JA</b>	<del>}</del>	2	er 2nd Iter	Number Out of Range

Notes:

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

# BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15019

Method G

Analyst Name RCMP Forensic Laboratory -Ottawa

Your 15C2 proficiency test outcome is: Satisfactory

### valuation Plocedule

and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

	in His	Initial	Initial	Initial	Initial		Test	Type
п	п	0	C	œ	>		₽	Level
2007	2637	2464	2318	2259	2142		Number	Vial
, CO	0.083	0.101	0.231	0.076	0.106	(g/dL)	Reported	Results #1
ć	'n	-2.0	0.0	-2.0	-1.5		Score	#1 Z
ç ç i	0 080	0.101	0.230	0.076	0.106	(g/dL)	Reported	Results #2
į	<u>'</u> '.	-2.0	-0.3	-2.0	-1.5		Score	#2 Z

### **Proficiency Cycle Statistics**

m	D	ဂ	σ	≻	Level
0.059	0.099	0.219	0.074	0.103	Lower Limit
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	Z
0	0	þæ	1	⊢	Numt 1st I
0	0	ш	⊭	2	Number Out of Range 1st Iter 2nd Iter

Notes:

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

# BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15115

Method GC

Analyst Name RCMP Forensic Laboratory-Vancouver

Your 15C2 proficiency test outcome is: Unsatisfactory

### valuation Procedure

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison. and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration. Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

Initial	Initial	Initial	Initial	Initial		Test	Туре
m	D	C	<b>0</b>	≻		Ð	Level
						Number	Vial
0.000	0.000	0.000	0.000	0.000	(g/dL)	Reported	Results #1
-32.5	-52.5	-57.8	40.0	-54.5		Score	#1 Z
0.000	0.000	0.000	0.000	0.000	(g/dL)	Reported	Results #2
-32.5	-52.5	-57.8	40.0	-54.5		Score	#2 Z

### **Proficiency Cycle Statistics**

m	D	C	8	≻	Level
0.059	0.099	0.219	0.074	0.103	Lower Limit
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	Z
0	0	Ľ	<b></b>	1	Number Ou
0	0	<b>11</b>	₽	2	lumber Out of Range 1st Iter 2nd Iter

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

# BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15177

Method GC

Analyst Name RCMP Forensic Laboratory- Edmonton

Your 15C2 proficiency test outcome is: Satisfactory

#### Valuation Procedure

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration. results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

Initial	Initial	Initial	Initial	Initial		Test	Type
m	D	С	τ¢	Þ		ō	Level
2525	2440	2331	2264	2117		Number	Vial
0.065	0.105	0.236	0.082	0.110	(g/dL)	Reported	Results #1
0.0	0.0	1.3	1.0	0.5		Score	#1 Z
0.065	0.105	0.234	0.081	0.110	(g/dL)	Reported	Results #2
0.0	0.0	0.8	0.5	0.5		Score	#2 Z

### **Proficiency Cycle Statistics**

ſπ	D	С	œ	⊳	Level
0.059	0.099	0.219	0.074	0.103	Lower
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	Z
0	0	<u> </u>	1	₽	Numb 1st II
0	0	₩	<del>[\</del>	2	lumber Out of Range 1st Iter 2nd Iter

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

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

Proficiency Cycle 15C2

Receive Results By: 10/16/2015

Participation Number 15180

Method GC

Analyst Name RCMP Forensic Laboratory- Edmonton (Kit#2)

Your 15C2 proficiency test outcome is: Satisfactory

### Evaluation Procedure

and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison. Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test Second iteration: The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration. results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with First iteration: For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

	Profic	Initial	Initial	Initial	Initial	Initial		Test	Type
•	Proficiency Cycle Statistics	m	0	C	87	≯		₽	Level
	Statistics	2574	2412	2358	2223	2139		Number	Vial
		0.066	0.106	0.235	0.081	0.110	(g/dL)	Reported	Results #1
)		0.5	0.5	1.0	0.5	0.5		Score	#1 Z
		0.065	0.105	0.234	0.081	0.110	(g/dL)	Reported	Results #2
-		0.0	0.0	0.8	0.5	0.5		Score	#2 Z

m	ס	ဂ	8	Α	Level
0.059	0.099	0.219	0.074	0.103	Lower Limit
0.071	0.111	0.243	0.086	0.115	Upper Limit
0.065	0.105	0.231	0.080	0.109	Mean (Average)
0.002	0.002	0.004	0.002	0.002	Std Dev
108	112	112	110	110	Z
0	0	Ľ	<b>-</b>	<u>,,</u>	Number 1st Iter
0	0	₽	H	N	Number Out of Range 1st Iter 2nd Iter

Notes

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