BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 13Q4

Receive Results By: 12/6/2013

Participation Number

15002

Method GC

Analyst Name Centre of Forensic Science

Evaluation Procedure

Your 13Q4 proficiency test outcome is: Satisfactory

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 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

m	0	C	В	≻	Level	P	Initial	Initial	Initial	Initial	Initia		Test	Type
0.079	0.053	0.137	0.198	0.045	Lower Limit	Proficiency Cycle Statistics	m	0	ဂ	œ	Þ		ō	
0.091	0.065	0.155	0.228	0.051	Upper Limit	e Statistics	4927	4804	4758	4609	4561		Number	Vial
0.085	0.059	0.146	0.213	0.04	Mean (Average		0.082	0.058	0.142	0.214	0.048	(g/dL)	Reported	Results #1
		6 0.003			ın Std age) Dev		1.5	-0.5	-1.3	0.2	0.0		Score	#1 Z
82	88	76	88	82	Z		0.082	0.058	0.141	0.216	0.047	(g/dL)	Reported	Results #2
0	0	0	0	0	Number O		-1.5	-0.5	-1.7	0.6	-1.0		Score	#2 Z
0	0	0	0	0	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 13Q4

Receive Results By: 12/6/2013

Participation Number 15003

Method GC

Analyst Name Centre of Forensic Sciences-Toronto

V

Evaluation Procedure

Your 13Q4 proficiency test outcome is: Satisfactory

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

	Proficiency Cycle Statistics	otatistics					
	Lower	Upper	Mean	Std		Number	umber Out of Range
Level	Limit	Limit	(Average)	Dev	Z	1st Iter	1st Iter 2nd Iter
⊳	0.045	0.051	0.048	0.001	82	0	0
œ	0.198	0.228	0.213	0.005	88	0	0
n	0.137	0.155	0.146	0.003	76	0	0
D	0.053	0.065	0.059	0.002	88	0	0
m	0.079	0.091	0.085	0.002	82	0	0

Note

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 13Q4

Receive Results By: 12/6/2013

Participation Number 15182

Method GC

Analyst Name Fondren Forensics Inc. #1

Your 13Q4 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 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 <u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

Туре	Level	Vial	Results #1	#1 Z	Results #2	#2 Z	
Test	ō	Number	Reported	Score	Reported	Score	
			(g/dL)		(g/dL)		
Initial	Þ	4504	0.044	4.0	0.044	-4.0	
Initial	œ	4637	0.192	4.2	0.194	±3.83	
Initial	ဂ	4720	0.135	-3.7	0.135	-3.7	
Initial	O	4854	0.053	-3.0	0.054	2.5	
Initial	កា	4916	0.078	-3.5	0.076	4.5	
		Otatiotics					
Droffic	Droficiancy Ovola Statistica	Otatiotics					

Proficiency Cycle Statistics

ទោ	D	C	œ	A	Level
0.079	0.053	0.137	0.198	0.045	Lower
0.091	0.065	0.155	0.228	0.051	Upper Limit
0.085	0.059	0.146	0.213	0.048	Mean (Average)
0.002	0.002	0.003	0.005	0.001	Std Dev
82	88	76	88	82	z
0	0	0	0	0	Number 1st Iter
0	0	0	0	0	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 13Q4

Receive Results By: 12/6/2013

Participation Number 15183

Method GC

Analyst Name Fondren Forensics Inc. #2

Evaluation Procedure

Your 13Q4 proficiency test outcome is: Unsatisfactory

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 <u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

Type Test	Level	Vial	Results #1	#1 Z	Results #2	#2 Z
Test	5	Number	Reported (g/dL)	Score	Reported (g/dL)	Score
Initial	➤	4545	0.000	48.0	0,000	-48.0
Initial	83	4623	0.000	-42.6	0.000	-42.6
initial	ဂ	4732	0.000	-48.7	0.000	-48.7
Initial	D	4857	0.000	-29.5	0.000	-29.5
Initial	m	4918	0.000	42.5	0.000	-42.5

Proficiency Cycle Statistics

m	O	ဂ	œ	≯	Level
0.079	0.053	0.137	0.198	0.045	Lower
0.091	0.065	0.155	0.228	0.051	Upper Limit
0.085	0.059	0.146	0.213	0.048	Mean (Average)
0.002	0.002	0.003	0.005	0.001	Std Dev
82	88	76	88	82	_
0	0	0	0	0	Number O 1st Iter
0	0	0	0	0	lumber Out of Range 1st Iter 2nd Iter

Notes:

2 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 13Q4

Receive Results By: 12/6/2013

Participation Number

Method GC

15184

Analyst Name Fondren Forensics Inc. #3

Satisfactory

Your 13Q4 proficiency test outcome is:

Evaluation Procedure

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 irst 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.

>	Level	P	Initial	Initial	Initial	Initial	Initial		Test	Type
0.045	Lower Limit	Proficiency Cycle Statistics	m	D	C	œ	➤			Level
0.051	Upper Limit	Statistics	4920	4855	4715	4642	4534		Number	Vial
0.048	Mean (Average)		0.084	0.060	0.148	0.204	0.046	(g/dL)	Reported	Results #1
0.001	Std Dev		-0.5	0.5	0.7	± .80	-2.0		Score	#1 Z
1 82	Z		0.085	0.057	0.138	0.216	0.045	(g/dL)	Reported	Results #2
0 0	Number Out of Range 1st Iter 2nd Iter		0.0	-1.0	-2.7	0.6	-3.0		Score	#2 Z

•	Level	>	æ	ဂ	D	m
Lower	Limit	0.045	0.198	0.137	0.053	0.079
Upper	Limit	0.051	0.228	0.155	0.065	0.091
Mean	(Average)	0.048	0.213	0.146	0.059	0.085
Std	Dev	0.001	0.005	0.003	0,002	0.002
	Z	82	88	76	88	82
Number	1st Iter	0	0	0	0	0
lumber Out of Range	2nd Iter	0	0	0	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 13Q4

Receive Results By: 12/6/2013

Participation Number

15185 Me

Method GC

Analyst Name Fondren Forensics Inc. #4

Your 13Q4 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 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.

m	O	ဂ	œ	≯	Level	P	Initial	Initial	Initial	Initial	Initial		Test	Туре
0.079	0.053	0.137	0.198	0.045	Lower	Proficiency Cycle Statistics	m	Ū	ဂ	₿	Þ		ō	Level
0.091	0.065	0.155	0.228	0.051	Upper Limit	e Statistics	4954	4826	4746	4634	4512		Number	Vial
0.085	0.059	0.146	0.213	0.048	Mean (Average)		0.080	0.055	0.141	0.201	0.046	(g/dL)	Reported	Results #1
0.002	0.002	0.003	0.005	0.001	Std Dev	ENRYWWYNYA WAY THE STATE OF THE		-2.0					Score	#1 Z
82	88	76	88	82	Z		0.082	0.056	0.137	0.199	0.046	(g/dL)	Reported	Results #2
0	0	0	0	0	Number 1st Iter		-1.5	-1.5	-3.0	-2.8	-2.0		Score	#2 Z
0	0	0	0	0	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 13Q4

Receive Results By: 12/6/2013

Participation Number 15007

Method GC

Analyst Name Hennepin County Medical Center

Your 13Q4 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 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.

>	Level	Profi	Initial	Initial	Initial	Initial	Initial		Test	Туре
0.045	Lower Limit	Proficiency Cycle Statistics	m	0	ဂ	B	Þ		₫	Level
0.051	Upper Limit	Statistics	4933	4814	4740	4660	4532		Number	Vial
0.048	Mean (Average		0.000	0.000	0.000	0.000	0.000	(g/dL)	Reported	Results #1
0.001	Std Dev		-42.5	-29.5	-48.7	-42.6	-48.0		Score	#1 Z
82	Z	mandyAganian MAAAAAA mada AAAA	0.000	0.000	0.000	0.000	0.000	(g/dL)	Reported	Results #2
0	Number Out of Range 1st Iter 2nd Iter		-42.5	-29.5	-48.7	42.6	48.0		Score	#2 Z

Notes:

0

0.137

0.053

0.155

0.091

0.213 0.146 0.059 0.085

0.005 0.003 0.002 0.002

82

88 88

0

0 0

 ω

0.198

0.228

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 13Q4

Evaluation Procedure

Receive Results By: 12/6/2013

Participation Number 15005

Method GC

Analyst Name Maine Department of Human Services

Your 1304 proficiency test outpo

Your 13Q4 proficiency test outcome is: Satisfactory

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

Number Out of Ran		Std	Mean	Upper	Lower		
	Were the second			Statistics	Proficiency Cycle Statistics	Profic	
1.57	0.088	1.0	0.087	4967	ш	Initial	
Gr	0.062	1.5	0.062	4821	D	Initial	
1.7	0.151	2.7	0.154	4733	ဂ	Initial	
2.0	0.223	2.2	0.224	4619	В	Initial	
2.0	0.050	3.0	0.051	4565	Þ	Initial	
	(g/dL)		(g/dL)				
Score	Reported	Score	Reported	Number	ō	Test	
#2 Z	Results #2	#1 Z	Results #1	Vial	Level	Type	

Level	Lower Limit 0.045	Upper Limit 0.051	Mean (Average) 0.048	Std Dev		82 Z
>	0.045	0.051	0.048		0.001	
œ	0.198	0.228	0.213		0.005	0.005 88
O	0.137	0.155	0.146		0.003	0.003 76
D	0.053	0.065	0.059		0.002	0.002 88
ш	0.079		2000		0000	

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 13Q4

Receive Results By: 12/6/2013

Participation Number 15179

Method GC

Analyst Name Montana Department of Justice

Your 13Q4 proficiency test outcome is:

Satisfactory

Evaluation Procedure

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. <u>First iteration:</u> 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

l ype	Level	<u><</u>	大esults #1	#1 /	Results #2	#2 Z
Test	₽	Number	Reported	Score	Reported	Score
			(g/dL)		(g/dL)	
Initial	➤	4529	0.046	٥.٢ <u>٠</u>	0.047	-1.0
Initial	00	4667	0.210	-0.6	0.211	-0.4
Initial	C	4713	0.144	-0.7	0.147	0.3
Initial	O	4838	0.056	<u>-</u> -	0.057	-1.0
Initial	m	4957	0.083	-1.0	0.085	0.0
) :)	:				

Proficienc	
<	
Cycle Statis	

m	ס	C	œ	≯	Level
0.079	0.053	0.137	0.198	0.045	Lower Limit
0.091	0.065	0.155	0.228	0.051	Upper
0.085	0.059	0.146	0.213	0.048	Mean (Average)
0.002	0.002	0.003	0.005	0.001	Std Dev
82	88	76	88	82	Z
0	0	0	0	0	Number of 1st Iter
0	0	0	0	0	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 13Q4

Receive Results By: 12/6/2013

Participation Number 15008

Method GC

Analyst Name Montana Department of Justice #2

Your 13Q4 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 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 <u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

				Statistics	Proficiency Cycle Statistics	Profic
0.5	0.086	-2.0	0.081	4966	m	Initial
0.5	0.060	-0.5	0.058	4850	D	Initial
-1.0	0.143	-2.3	0.139	4708	c	Initial
-1.4	0.206	-2.0	0.203	4646	œ	Initial
1.0	0.049	-1.0	0.047	4528	Þ	Initial
	(g/dL)		(g/dL)			
Score	Reported	Score	Reported	Number	₽	Test
#2 Z	Results #2	#1 Z	Results #1	Vial	Level	Type

	D 0.6	C 0.137	B 0.1	A 0.0	Lov Level Lin
0.079	153	37	.98	45	Lower
0.091	0.065	0.155	0.228	0.051	Upper Limit
0.085	0.059	0.146	0.213	0.048	Mean (Average)
0.002	0.002	0.003	0.005	0.001	Std Dev
82	88	76	88	82	2
0	0	0	0	0	Number (
0	0	0	0	0	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 13Q4

Receive Results By: 12/6/2013

Participation Number 15009

Method GC

Analyst Name Office of Attorney General-North Dakota

Satisfactory

Evaluation Procedure

Your 13Q4 proficiency test outcome is:

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

0 0	88	0.002	0.059	0.065	0.053	· C
0 0	76	0.003	0.146	0.155	0.137	ı 0
0 0	88	0.005	0.213	0.228	0.198	₩ 59
0 0	82	0.001	0.048	0.051	0.045	Þ
Number Out of Range 1st Iter 2nd Iter	<u> </u>	Std	Mean (Average)	Upper Limit	Lower Limit	Level
				Statistics	Proficiency Cycle Statistics	Profic
-0.5	0.084	-0.5	0.084	4950	FIII	Initial
0.5	0.060	0.0	0.059	4831	O	Initial
-1.0	0.143	-0.7	0.144	4755	ဂ	nitial
0.0	0.213	-0.2	0.212	4647	B	Initial
2.0	0.050	1.0	0.049	4571	≯	Initial
	(g/dL)		(g/dL)			
Score	Reported	Score	Reported	Number	ō	Test
#2 Z	10	#1 Z	Results #1	Vial	Level	Туре

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Notes:

П

0.079

0.091

0.085

0.002

82

0

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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 13Q4

Receive Results By: 12/6/2013

Participation Number 15010

Method GC

Analyst Name Pennsylvania Department of Health

Satisfactory

Your 13Q4 proficiency test outcome is:

Evaluation Procedure

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 <u>First iteration:</u> 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.

m	D	C	œ	≯	Level	Pro	Initial	Initial	Initial	Initial	Initial	. 000	Test	Type
0.079	0.053	0.137	0.198	0.045	Lower	Proficiency Cycle Statistics	ш	U	ဂ	₩	Þ	Ĉ	5 5	- PVP
0.091	0.065	0.155	0.228	0.051	Upper Limit	Statistics	4963	4832	4717	4631	4555		Nimber	<u><i< u=""></i<></u>
0.085	0.059	0.146	0.213	0.048	Mean (Average)		0.088	0.061	0.151	0.223	0.049	(g/dL)	Reported	Decimo #1
0,002	0.002	0.003	0.005	0.001	Std Dev		<u>-1</u> :55	1.0	1.7	2.0	1.0	CCC	2707B	#17
82	88	76	88	82	z		0.088	0.061	0.151	0.225	0.047	(g/dL)	Reported	Require #2
0	0	0	0	0	Numbe 1st Ite		1.5	1.0	1.7	2.4	-1.0	c c c	Score	#2 7
0	0	0	0	0	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 13Q4

Receive Results By: 12/6/2013

Participation Number 15177

Method GC

Analyst Name RCMP Forensic Laboratory- Edmonton

Your 13Q4 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 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

				Statistics	Proficiency Cycle Statistics	Profic	
-42.5	0.000		0.000	4942	m	Initial	
-29.5	0.000		0.000	4830	O	Initial	
-48.7	0.000		0.000	4763	C	Initial	
-42.6	0.000		0.000	4627	8	Initial	
-48.0	0.000		0.000	4518	A	Initial	
	(g/dL)		(g/dL)				
Score	Reported	.,	Reported	Number	ō	Test	
#2 Z	Results #2		Results #1	Vial	Level	Type	

TT.	D	O	Œ	≻	Level
0.079	0.053	0.137	0.198	0.045	Lower Limit
0.091	0.065	0.155	0.228	0.051	Upper Limit
0.085	0.059	0.146	0.213	0.048	Mean (Average)
0.002	0.002	0.003	0.005	0.001	Std Dev
82	88	76	88	82	N
0	0	0	0	0	Number 1st Iter
0	0	0	0	0	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 13Q4

Receive Results By: 12/6/2013

Participation Number 15180

Method GC

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

Unsatisfactory

-

Your 13Q4 proficiency test outcome is:

Evaluation 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 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

Type Test	Level	Vial Number	Results #1 Reported	#1 Z Score	Results #2	#2 Z Score
			(g/dL)		(g/dL)	
nitial	➤	4525	0.000	-48.0	0.000	-48.0
nitial	œ	4616	0.000	-42.6	0.000	-42.6
Initial	C	4752	0.000	-48.7	0.000	48.7
nitial	D	4820	0.000	-29.5	0.000	-29.5
nitial	m	4906	0.000	-42.5	000	42.5

Proficiency Cycle Statistics

m	D	ဂ	В	≯	Level
0.079	0.053	0.137	0.198	0.045	Lower Limit
0.091	0.065	0.155	0.228	0.051	Upper Limit
0.085	0.059	0.146	0.213	0.048	Mean (Average)
0.002	0.002	0.003	0.005	0.001	Std Dev
82	88	76	88	82	Z
0	0	0	0	0	Number 1st Iter
0	0	0	0	0	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 13Q4

Receive Results By: 12/6/2013

Participation Number 15018

Method GC

Analyst Name RCMP Forensic Laboratory -Halifax

Satisfactory

Your 13Q4 proficiency test outcome is:

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.

	_		⊳	Le									
U	O	8	Þ	evel	Profic	Initial	Initial	Initial	nitial	nitial		Test	Type
0.053	0.137	0.198	0.045	Lower Limit	Proficiency Cycle Statistics	m	D	c	B	➤		ō	Level
0.065	0.155	0.228	0.051	Upper Limit	Statistics	4939	4848	4738	4607	4540		Number	Vial
0.059	0.146	0.213	0.048	Mean (Average)		0.084	0.057	0.148	0.222	0.046	(g/dL)	Reported	Results #1
0.002	0.003	0.005	0.001	Std Dev		-0.5	-1.0	0.7	1 .8	-2.0		Score	#1 Z
88	76	88	82	2		0.084	0.057	0.148	0.221	0.046	(g/dL)	Reported	Results #2
0	0	0	0	Number 0		5 ,0,	-1.0	0.7	1.6	-2.0		Score	#2 Z
0	0	0	0	Number Out of Range 1st Iter 2nd Iter									

Notes:

m

0.079 0.053

0.091 0.065

0.085 0.059

0.002 0.002

82 88 9

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 13Q4

Receive Results By: 12/6/2013

Participation Number 15019

Method GC

Analyst Name RCMP Forensic Laboratory -Halifax

Your 13Q4 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. 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	O	c	W	Þ	Level
0.079	0.053	0.137	0.198	0.045	Lower Limit
0.091	0.065	0.155	0.228	0.051	Upper Limit
0.085	0.059	0.146	0.213	0.048	Mean (Average)
0.002	0.002	0.003	0.005	0.001	Std Dev
82	88	76	88	82	Z
0	0	0	0	0	Number Ou
0	0	0	0	0	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 13Q4

Receive Results By: 12/6/2013

Participation Number 15016

Method GC

Analyst Name RCMP Forensic Laboratory - Vancouver

Evaluation Procedure

Your 13Q4 proficiency test outcome is: Unsatisfactory

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 <u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

m	D	C	œ	>	Level	 	Initial	Initial	Initial	Initial	nitia		Test	Туре
0.079	0.053	0.137	0.198	0.045	Lower	Proficiency Cycle Statistics	m	٣	c	В	➤		ō	_
0.091	0.065	0.155	0.228	0.051	Upper Limit	e Statistics	4921	4866	4750	4632	4516		Number	Vial
0.085	0.059	0.146	0.213	0.048	Mean (Average)		0.000	0.000	0.000	0.000	0.000	(g/dL)	Reported	Results #1
0.002		0.003			Std ge) Dev	**************************************	-42.5	-29.5	48.7	42.6	-48.0		Score	#1 Z
82	88	76	88	82	Z		0.000	0.000	0.000	0.000	0.000	(g/dL)	Reported	Results #2
0	0	0	0	0	Number Out of Rar		42.5	-29.5	-48.7	-42.6	-48.0		Score	#2 Z
0	0	0	0	0	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 13Q4

Receive Results By: 12/6/2013

Participation Number 15017

Method GC

Analyst Name RCMP Forensic Laboratory - Vancouver

Unsatisfactory

Your 13Q4 proficiency test outcome is:

Evaluation Procedure

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 <u>First iteration:</u> 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.

						!
0 0	88	0.002	0.059	0.065	0.053	D
0 0	76	0.003	0.146	0.155	0.137	c
0 0	88	0.005	0.213	0.228	0.198	Ø
0 0	82	0.001	0.048	0.051	0.045	➤
Number Out of Range 1st Iter 2nd Iter	Z	Std Dev	Mean (Average)	Upper Limit	Lower Limit	Level
				Statistics	Proficiency Cycle Statistics	Profi
-42.5	0.000	-42.5	0.000	4951	m	Initial
-29.5	0.000	-29.5	0.000	4809	ס	Initial
-48.7	0.000	48.7	0.000	4718	C	Initial
-42.6	0.000	42.6	0.000	4655	83	Initial
-48.0	0.000	48.0	0.000	4530	≯	Initial
	(g/dL)		(g/dL)			
Score	Reported	Score	Reported	Number	ō	Test
#2 Z	Results #2	#1 Z	Results #1	Vial	Level	Туре

Notes

П

0.079

160.0

0.085

0.002

8

0

0

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 13Q4

Receive Results By: 12/6/2013

Participation Number 15115

Method GC

Analyst Name RCMP Forensic Laboratory-Vancouver

Satisfactory

Evaluation Procedure

Your 13Q4 proficiency test outcome is:

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 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 <u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation

m	D	c	80	➣	Leve		=	_	_	=				
					<u> </u>	Profi	Initial	nitial	Initial	nitial	nitial		Test	Type
0.079	0.053	0.137	0.198	0.045	Lower	Proficiency Cycle Statistics	m	D	c	B	Α		ō	Level
0.091	0.065	0.155	0.228	0.051	Upper Limit	Statistics	4941	4867	4719	4628	4508		Number	Vial
0.085	0.059	0.146	0.213	0.048	Mean (Average)		0.086	0.061	0.148	0.218	0.049	(g/dL)	Reported	Results #1
0.002	0.002	0.003	0.005	0.001	Std Dev		0.5	1.0	0.7	1.0	1.0		Score	#1 Z
82	88	76	88	82	Z		0.086	0.060	0.148	0.217	0.049	(g/dL)	Reported	Results #2
0	0	0	0	0	Number O		0.5	0.5	0.7	0.8	1.0		Score	#2 Z
0	0	0	0	0	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.