Florida Department of Law Enforcement
Alcohol Testing Program

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle <u>17C1</u>   Receive Results By: <u>4/28/2017</u>   Participation Number <u>15002</u>   Method <u>GC</u>

Analyst Name   <u>Centre of Forensic Science</u>

Your 17C1 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.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	A	1154	0.307	1.4	0.308	1.6
Initial	B	1255	0.110	1.5	0.109	1.0
Initial	C	1345	0.157	0.7	0.157	0.7
Initial	D	1416	0.207	1.8	0.206	1.5
Initial	E	1516	0.080	0.0	0.081	0.5

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range 1st Iter	Number Out of Range 2nd Iter
A	0.285	0.315	0.300	0.005	90	2	3
B	0.101	0.113	0.107	0.002	94	1	2
C	0.146	0.164	0.155	0.003	96	1	2
D	0.188	0.212	0.200	0.004	94	1	3
E	0.074	0.086	0.080	0.002	96	1	1

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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle __17C1__   Receive Results By: __4/28/2017__   Participation Number   __15003__   Method   __GC__

Analyst Name   __Centre of Forensic Sciences-Toronto__

Your 17C1 proficiency test outcome is: Unsatisfactory

Evaluation Procedure

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

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

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	A	1144	0.300	0.0	0.297	-0.6
Initial	B	1256	0.100	-3.5	0.105	-1.0
Initial	C	1307	0.149	-2.0	0.154	-0.3
Initial	D	1425	0.201	0.3	0.196	-1.0
Initial	E	1505	0.076	-2.0	0.077	-1.5

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range 1st Iter	Number Out of Range 2nd Iter
A	0.285	0.315	0.300	0.005	90	2	3
B	0.101	0.113	0.107	0.002	94	1	2
C	0.146	0.164	0.155	0.003	96	1	2
D	0.188	0.212	0.200	0.004	94	1	3
E	0.074	0.086	0.080	0.002	96	1	1

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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C1   Receive Results By: 4/28/2017   Participation Number 15005   Method GC

Analyst Name Maine Department of Human Services

Your 17C1 proficiency test outcome is: Unsatisfactory

Evaluation Procedure

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

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

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	A	1146	0.307	1.4	0.310	2.0
Initial	B	1247	0.118	5.5	0.115	4.0
Initial	C	1315	0.163	2.7	0.164	3.0
Initial	D	1414	0.205	1.3	0.205	1.3
Initial	E	1544	0.083	1.5	0.082	1.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range 1st Iter	2nd Iter
A	0.285	0.315	0.300	0.005	90	2	3
B	0.101	0.113	0.107	0.002	94	1	2
C	0.146	0.164	0.155	0.003	96	1	2
D	0.188	0.212	0.200	0.004	94	1	3
E	0.074	0.086	0.080	0.002	96	1	1

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.

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Proficiency Cycle <u>17C1</u>   Receive Results By: <u>4/28/2017</u>   Participation Number   <u>15007</u>   Method   <u>GC</u>

Analyst Name   <u>Hennepin County Medical Center</u>

<u>Your 17C1 proficiency test outcome is:</u> **Unsatisfactory**

<u>Evaluation Procedure</u>

<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.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	A	1156	0.277	-4.6	0.277	-4.6
Initial	B	1227	0.104	-1.5	0.103	-2.0
Initial	C	1344	0.152	-1.0	0.145	-3.3
Initial	D	1424	0.189	-2.8	0.185	-3.8
Initial	E	1535	0.074	-3.0	0.079	-0.5

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range 1st Iter	2nd Iter
A	0.285	0.315	0.300	0.005	90	2	3
B	0.101	0.113	0.107	0.002	94	1	2
C	0.146	0.164	0.155	0.003	96	1	2
D	0.188	0.212	0.200	0.004	94	1	3
E	0.074	0.086	0.080	0.002	96	1	1

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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C1   Receive Results By: 4/28/2017   Participation Number   15009   Method   GC

Analyst Name   Office of Attorney General-North Dakota

Your 17C1 proficiency test outcome is: Satisfactory

Evaluation Procedure

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

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

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	A	1127	0.295	-1.0	0.298	-0.4
Initial	B	1207	0.107	0.0	0.106	-0.5
Initial	C	1353	0.155	0.0	0.154	-0.3
Initial	D	1442	0.200	0.0	0.199	-0.3
Initial	E	1523	0.080	0.0	0.080	0.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range 1st Iter	Number Out of Range 2nd Iter
A	0.285	0.315	0.300	0.005	90	2	3
B	0.101	0.113	0.107	0.002	94	1	2
C	0.146	0.164	0.155	0.003	96	1	2
D	0.188	0.212	0.200	0.004	94	1	3
E	0.074	0.086	0.080	0.002	96	1	1

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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C1   Receive Results By: 4/28/2017   Participation Number   15010   Method   GC

Analyst Name   **Pennsylvania Department of Health**

Your 17C1 proficiency test outcome is: **Satisfactory**

Evaluation Procedure

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

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

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	A	1119	0.305	1.0	0.306	1.2
Initial	B	1218	0.110	1.5	0.108	0.5
Initial	C	1304	0.158	1.0	0.155	0.0
Initial	D	1441	0.205	1.3	0.206	1.5
Initial	E	1543	0.081	0.5	0.082	1.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range 1st Iter	2nd Iter
A	0.285	0.315	0.300	0.005	90	2	3
B	0.101	0.113	0.107	0.002	94	1	2
C	0.146	0.164	0.155	0.003	96	1	2
D	0.188	0.212	0.200	0.004	94	1	3
E	0.074	0.086	0.080	0.002	96	1	1

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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle __17C1__   Receive Results By: __4/28/2017__   Participation Number __15016__   Method __GC__

Analyst Name   __RCMP Forensic Laboratory -Vancouver__

Your 17C1 proficiency test outcome is: Satisfactory

Evaluation Procedure

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

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

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	A	1147	0.300	0.0	0.301	0.2
Initial	B	1258	0.104	-1.5	0.104	-1.5
Initial	C	1334	0.156	0.3	0.152	-1.0
Initial	D	1402	0.199	-0.3	0.201	0.3
Initial	E	1533	0.077	-1.5	0.080	0.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range 1st Iter	2nd Iter
A	0.285	0.315	0.300	0.005	90	2	3
B	0.101	0.113	0.107	0.002	94	1	2
C	0.146	0.164	0.155	0.003	96	1	2
D	0.188	0.212	0.200	0.004	94	1	3
E	0.074	0.086	0.080	0.002	96	1	1

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.

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Proficiency Cycle 17C1   Receive Results By: 4/28/2017   Participation Number   15018   Method   GC

Analyst Name   RCMP Forensic Laboratory -Ottawa

Your 17C1 proficiency test outcome is: **Satisfactory**

Evaluation Procedure

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

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

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	A	1138	0.301	0.2	0.300	0.0
Initial	B	1219	0.105	-1.0	0.105	-1.0
Initial	C	1313	0.155	0.0	0.156	0.3
Initial	D	1401	0.201	0.3	0.202	0.5
Initial	E	1513	0.078	-1.0	0.077	-1.5

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range 1st Iter	2nd Iter
A	0.285	0.315	0.300	0.005	90	2	3
B	0.101	0.113	0.107	0.002	94	1	2
C	0.146	0.164	0.155	0.003	96	1	2
D	0.188	0.212	0.200	0.004	94	1	3
E	0.074	0.086	0.080	0.002	96	1	1

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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C1   Receive Results By: 4/28/2017   Participation Number 15019   Method GC

Analyst Name   RCMP Forensic Laboratory -Ottawa

Your 17C1 proficiency test outcome is: **Satisfactory**

Evaluation Procedure

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

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

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	A	1129	0.300	0.0	0.300	0.0
Initial	B	1209	0.104	-1.5	0.105	-1.0
Initial	C	1314	0.155	0.0	0.156	0.3
Initial	D	1433	0.203	0.8	0.202	0.5
Initial	E	1553	0.078	-1.0	0.078	-1.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range 1st Iter	2nd Iter
A	0.285	0.315	0.300	0.005	90	2	3
B	0.101	0.113	0.107	0.002	94	1	2
C	0.146	0.164	0.155	0.003	96	1	2
D	0.188	0.212	0.200	0.004	94	1	3
E	0.074	0.086	0.080	0.002	96	1	1

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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C1   Receive Results By: 4/28/2017   Participation Number 15177   Method GC

Analyst Name RCMP Forensic Laboratory- Edmonton

Your 17C1 proficiency test outcome is: Satisfactory

Evaluation Procedure

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

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

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	A	1128	0.303	0.6	0.304	0.8
Initial	B	1208	0.108	0.5	0.109	1.0
Initial	C	1323	0.157	0.7	0.157	0.7
Initial	D	1403	0.201	0.3	0.204	1.0
Initial	E	1502	0.082	1.0	0.082	1.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range 1st Iter	2nd Iter
A	0.285	0.315	0.300	0.005	90	2	3
B	0.101	0.113	0.107	0.002	94	1	2
C	0.146	0.164	0.155	0.003	96	1	2
D	0.188	0.212	0.200	0.004	94	1	3
E	0.074	0.086	0.080	0.002	96	1	1

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.

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