BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15002 Method GC

Analyst Name Centre of Forensic Science

Your 17C2 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 deviati 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 wi 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	Α	2141	0.090	1.5	0.091	2.0
Initial	В	2238	0.198	0.3	0.200	1.0
Initial	С	2337	0.119	2.0	0.119	2.0
Initial	D	2437	0.079	1.0	0.080	1.5
Initial	Е	2532	0.275	0.4	0.277	0.8

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	Number Out of Ran N 1st Iter 2nd Iter		
A	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15003 Method GC

Your 17C2 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 deviati 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 wi 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	Α	2172	0.084	-1.5	0.085	-1.0
Initial	В	2230	0.192	-1.7	0.190	-2.3
Initial	С	2336	0.113	-1.0	0.112	-1.5
Initial	D	2436	0.072	-2.5	0.070	-3.5
Initial	E	2533	0.267	-1.2	0.265	-1.6

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	Number Out of Rar N 1st Iter 2nd Iter		
Α	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15005 Method GC

Your 17C2 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 deviati 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 wi 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	Α	2127	0.088	0.5	0.090	1.5
Initial	В	2224	0.198	0.3	0.199	0.7
Initial	С	2323	0.119	2.0	0.118	1.5
Initial	D	2424	0.079	1.0	0.078	0.5
Initial	Е	2525	0.273	0.0	0.277	0.8

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	Number Out of Rar N 1st Iter 2nd Iter		
Α	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15007 Method GC

Analyst Name Hennepin County Medical Center

Your 17C2 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 deviati 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 wi 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	Α	2128	0.084	-1.5	0.090	1.5
Initial	В	2225	0.195	-0.7	0.199	0.7
Initial	С	2324	0.114	-0.5	0.117	1.0
Initial	D	2425	0.075	-1.0	0.072	-2.5
Initial	E	2530	0.274	0.2	0.283	2.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	Number Out of Rar N 1st Iter 2nd Iter		
Α	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15009 Method GC

Analyst Name Office of Attorney General-North Dakota

Your 17C2 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 deviati 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 wi 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	Α	2122	0.087	0.0	0.088	0.5
Initial	В	2219	0.196	-0.3	0.197	0.0
Initial	С	2318	0.115	0.0	0.115	0.0
Initial	D	2418	0.077	0.0	0.077	0.0
Initial	E	2527	0.272	-0.2	0.274	0.2

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number (1st Iter	Out of Range 2nd Iter
A	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15010 Method GC

Analyst Name Pennsylvania Department of Health

Your 17C2 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 deviati 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 wi 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	Α	2120	0.087	0.0	0.087	0.0
Initial	В	2217	0.201	1.3	0.198	0.3
Initial	С	2316	0.117	1.0	0.117	1.0
Initial	D	2416	0.078	0.5	0.078	0.5
Initial	E	2501	0.285	2.4	0.280	1.4

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	Number Out of Ran N 1st Iter 2nd Iter		
A	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15016 Method GC

Analyst Name RCMP Forensic Laboratory -Vancouver

Your 17C2 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 deviati 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 wi 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	Α	2116	0.083	-2.0	0.084	-1.5
Initial	В	2213	0.194	-1.0	0.193	-1.3
Initial	С	2312	0.110	-2.5	0.111	-2.0
Initial	D	2412	0.074	-1.5	0.074	-1.5
Initial	E	2504	0.270	-0.6	0.271	-0.4

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Ran N 1st Iter 2nd Iter	
A	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15017 Method GC

Analyst Name RCMP Forensic Laboratory -Vancouver

Your 17C2 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 deviati 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 wi 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	Α	2115	0.083	-2.0	0.083	-2.0
Initial	В	2212	0.193	-1.3	0.195	-0.7
Initial	С	2311	0.112	-1.5	0.112	-1.5
Initial	D	2411	0.074	-1.5	0.073	-2.0
Initial	E	2516	0.274	0.2	0.274	0.2

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Rar N 1st Iter 2nd Iter	
Α	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15018 Method GC

Analyst Name RCMP Forensic Laboratory -Ottawa

Your 17C2 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 deviati 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 wi 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	Α	2117	0.087	0.0	0.087	0.0
Initial	В	2214	0.197	0.0	0.197	0.0
Initial	С	2313	0.115	0.0	0.115	0.0
Initial	D	2413	0.076	-0.5	0.076	-0.5
Initial	E	2518	0.275	0.4	0.275	0.4

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Rar N 1st Iter 2nd Iter	
Α	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15019 Method GC

Analyst Name RCMP Forensic Laboratory -Ottawa

Your 17C2 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 deviati 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 wi 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	Α	2118	0.086	-0.5	0.086	-0.5
Initial	В	2215	0.198	0.3	0.198	0.3
Initial	С	2314	0.116	0.5	0.115	0.0
Initial	D	2414	0.076	-0.5	0.076	-0.5
Initial	Е	2529	0.277	0.8	0.276	0.6

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Ran N 1st Iter 2nd Iter	
A	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15115 Method GC

Analyst Name RCMP Forensic Laboratory-Vancouver

Your 17C2 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 deviati 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 wi 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	Α	2114	0.084	-1.5	0.083	-2.0
Initial	В	2211	0.194	-1.0	0.194	-1.0
Initial	С	2310	0.112	-1.5	0.111	-2.0
Initial	D	2410	0.074	-1.5	0.074	-1.5
Initial	E	2508	0.272	-0.2	0.273	0.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Ran N 1st Iter 2nd Iter	
A	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 17C2 Receive Results By: 10/20/2017 Participation Number 15177 Method GC

Analyst Name RCMP Forensic Laboratory- Edmonton

Your 17C2 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 deviati 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 wi 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	Α	2119	0.087	0.0	0.087	0.0
Initial	В	2216	0.197	0.0	0.198	0.3
Initial	С	2315	0.116	0.5	0.116	0.5
Initial	D	2415	0.076	-0.5	0.076	-0.5
Initial	E	2528	0.274	0.2	0.275	0.4

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number (1st Iter	Out of Range 2nd Iter
А	0.081	0.093	0.087	0.002	110	0	0
В	0.188	0.206	0.197	0.003	116	0	0
С	0.109	0.121	0.115	0.002	122	0	0
D	0.071	0.083	0.077	0.002	118	1	1
E	0.258	0.288	0.273	0.005	114	0	0

Notes:

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

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