

Florida Department of Law Enforcement

Alcohol Testing Program

BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 16C1 Receive Results By: 5/13/2016 Participation Number 15002 Method GC
 Analyst Name Centre of Forensic Science

Your 16C1 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	1156	0.229	0.3	0.230	0.5
Initial	B	1266	0.124	-0.5	0.121	-2.0
Initial	C	1305	0.285	0.3	0.291	1.3
Initial	D	1456	0.051	-1.5	0.051	-1.5
Initial	E	1505	0.088	1.0	0.086	0.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range	
						1st Iter	2nd Iter
A	0.216	0.240	0.228	0.004	108	1	1
B	0.119	0.131	0.125	0.002	104	1	1
C	0.265	0.301	0.283	0.006	112	1	1
D	0.048	0.060	0.054	0.002	106	0	0
E	0.080	0.092	0.086	0.002	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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 16C1 Receive Results By: 5/13/2016 Participation Number 15003 Method GC
 Analyst Name Centre of Forensic Sciences-Toronto

Your **16C1** 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	1166	0.220	-2.0	0.219	-2.3
Initial	B	1256	0.119	-3.0	0.120	-2.5
Initial	C	1325	0.277	-1.0	0.280	-0.5
Initial	D	1445	0.050	-2.0	0.050	-2.0
Initial	E	1516	0.082	-2.0	0.080	-3.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range	
						1st Iter	2nd Iter
A	0.216	0.240	0.228	0.004	108	1	1
B	0.119	0.131	0.125	0.002	104	1	1
C	0.265	0.301	0.283	0.006	112	1	1
D	0.048	0.060	0.054	0.002	106	0	0
E	0.080	0.092	0.086	0.002	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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 16C1 Receive Results By: 5/13/2016 Participation Number 15005 Method GC
 Analyst Name Maine Department of Human Services

Your **16C1** 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	1106	0.225	-0.8	0.231	0.8
Initial	B	1225	0.129	2.0	0.129	2.0
Initial	C	1315	0.284	0.2	0.289	1.0
Initial	D	1436	0.057	1.5	0.057	1.5
Initial	E	1567	0.089	1.5	0.089	1.5

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range	
						1st Iter	2nd Iter
A	0.216	0.240	0.228	0.004	108	1	1
B	0.119	0.131	0.125	0.002	104	1	1
C	0.265	0.301	0.283	0.006	112	1	1
D	0.048	0.060	0.054	0.002	106	0	0
E	0.080	0.092	0.086	0.002	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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 16C1 Receive Results By: 5/13/2016 Participation Number 15009 Method GC
 Analyst Name Office of Attorney General-North Dakota

Your 16C1 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	1108	0.227	-0.3	0.227	-0.3
Initial	B	1207	0.126	0.5	0.126	0.5
Initial	C	1323	0.282	-0.2	0.282	-0.2
Initial	D	1458	0.055	0.5	0.054	0.0
Initial	E	1538	0.086	0.0	0.086	0.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range	
						1st Iter	2nd Iter
A	0.216	0.240	0.228	0.004	108	1	1
B	0.119	0.131	0.125	0.002	104	1	1
C	0.265	0.301	0.283	0.006	112	1	1
D	0.048	0.060	0.054	0.002	106	0	0
E	0.080	0.092	0.086	0.002	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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 16C1 Receive Results By: 5/13/2016 Participation Number 15010 Method GC
 Analyst Name Pennsylvania Department of Health

Your **16C1** 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	1168	0.226	-0.5	0.228	0.0
Initial	B	1261	0.124	-0.5	0.122	-1.5
Initial	C	1302	0.284	0.2	0.285	0.3
Initial	D	1468	0.053	-0.5	0.052	-1.0
Initial	E	1548	0.083	-1.5	0.083	-1.5

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range	
						1st Iter	2nd Iter
A	0.216	0.240	0.228	0.004	108	1	1
B	0.119	0.131	0.125	0.002	104	1	1
C	0.265	0.301	0.283	0.006	112	1	1
D	0.048	0.060	0.054	0.002	106	0	0
E	0.080	0.092	0.086	0.002	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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 16C1 Receive Results By: 5/13/2016 Participation Number 15016 Method GC
 Analyst Name RCMP Forensic Laboratory -Vancouver

Your 16C1 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	1148	0.231	0.8	0.228	0.0
Initial	B	1218	0.124	-0.5	0.123	-1.0
Initial	C	1322	0.285	0.3	0.284	0.2
Initial	D	1408	0.051	-1.5	0.051	-1.5
Initial	E	1570	0.084	-1.0	0.083	-1.5

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range	
						1st Iter	2nd Iter
A	0.216	0.240	0.228	0.004	108	1	1
B	0.119	0.131	0.125	0.002	104	1	1
C	0.265	0.301	0.283	0.006	112	1	1
D	0.048	0.060	0.054	0.002	106	0	0
E	0.080	0.092	0.086	0.002	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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 16C1 Receive Results By: 5/13/2016 Participation Number 15017 Method GC
 Analyst Name RCMP Forensic Laboratory -Vancouver

Your 16C1 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	1159	0.226	-0.5	0.225	-0.8
Initial	B	1259	0.123	-1.0	0.120	-2.5
Initial	C	1362	0.287	0.7	0.282	-0.2
Initial	D	1469	0.053	-0.5	0.052	-1.0
Initial	E	1528	0.084	-1.0	0.082	-2.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range	
						1st Iter	2nd Iter
A	0.216	0.240	0.228	0.004	108	1	1
B	0.119	0.131	0.125	0.002	104	1	1
C	0.265	0.301	0.283	0.006	112	1	1
D	0.048	0.060	0.054	0.002	106	0	0
E	0.080	0.092	0.086	0.002	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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 16C1 Receive Results By: 5/13/2016 Participation Number 15018 Method GC
 Analyst Name RCMP Forensic Laboratory -Ottawa

Your 16C1 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	0.225	-0.8	0.226	-0.5
Initial	B	1227	0.121	-2.0	0.121	-2.0
Initial	C	1353	0.283	0.0	0.284	0.2
Initial	D	1418	0.049	-2.5	0.050	-2.0
Initial	E	1508	0.082	-2.0	0.082	-2.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range	
						1st Iter	2nd Iter
A	0.216	0.240	0.228	0.004	108	1	1
B	0.119	0.131	0.125	0.002	104	1	1
C	0.265	0.301	0.283	0.006	112	1	1
D	0.048	0.060	0.054	0.002	106	0	0
E	0.080	0.092	0.086	0.002	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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 16C1 Receive Results By: 5/13/2016 Participation Number 15019 Method GC
 Analyst Name RCMP Forensic Laboratory -Ottawa

Your 16C1 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	0.226	-0.5	0.225	-0.8
Initial	B	1269	0.122	-1.5	0.121	-2.0
Initial	C	1333	0.282	-0.2	0.282	-0.2
Initial	D	1448	0.050	-2.0	0.050	-2.0
Initial	E	1559	0.081	-2.5	0.081	-2.5

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range	
						1st Iter	2nd Iter
A	0.216	0.240	0.228	0.004	108	1	1
B	0.119	0.131	0.125	0.002	104	1	1
C	0.265	0.301	0.283	0.006	112	1	1
D	0.048	0.060	0.054	0.002	106	0	0
E	0.080	0.092	0.086	0.002	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.

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 16C1 Receive Results By: 5/13/2016 Participation Number 15115 Method GC
 Analyst Name RCMP Forensic Laboratory-Vancouver

Your 16C1 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	1169	0.229	0.3	0.236	2.0
Initial	B	1248	0.124	-0.5	0.125	0.0
Initial	C	1342	0.286	0.5	0.287	0.7
Initial	D	1428	0.052	-1.0	0.051	-1.5
Initial	E	1560	0.086	0.0	0.085	-0.5

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range	
						1st Iter	2nd Iter
A	0.216	0.240	0.228	0.004	108	1	1
B	0.119	0.131	0.125	0.002	104	1	1
C	0.265	0.301	0.283	0.006	112	1	1
D	0.048	0.060	0.054	0.002	106	0	0
E	0.080	0.092	0.086	0.002	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.

Florida Department of Law Enforcement

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BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 16C1 Receive Results By: 5/13/2016 Participation Number 15177 Method GC
 Analyst Name RCMP Forensic Laboratory- Edmonton

Your 16C1 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	1118	0.229	0.3	0.229	0.3
Initial	B	1238	0.125	0.0	0.125	0.0
Initial	C	1313	0.282	-0.2	0.283	0.0
Initial	D	1438	0.052	-1.0	0.052	-1.0
Initial	E	1518	0.086	0.0	0.086	0.0

Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range	
						1st Iter	2nd Iter
A	0.216	0.240	0.228	0.004	108	1	1
B	0.119	0.131	0.125	0.002	104	1	1
C	0.265	0.301	0.283	0.006	112	1	1
D	0.048	0.060	0.054	0.002	106	0	0
E	0.080	0.092	0.086	0.002	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.