QCS Laboratory Auditing and The On-Line System for The Monthly Proficiency Testing Program

NALMA, June 16, 2008

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- Similar certification systems are in place for field services, meter centers and data processing centers.

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• In all cases, *QCS* works closely with the laboratory staff to achieve and maintain full certification.

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- pilot sample preparation logs and uniformity checks;
- reduction in tolerances for MD and SDD in the samples unknown program.

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- During on-site audits, lab staff are generally provided with a number of suggestions related to potential improvements.
- If these specific areas are not addressed by the next on-site audit, the lab status may be downgraded to conditionally certified until corrective measures are implemented.

CDCB Auditing Guidelines for Laboratories

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CAPITAL Laboratory Services

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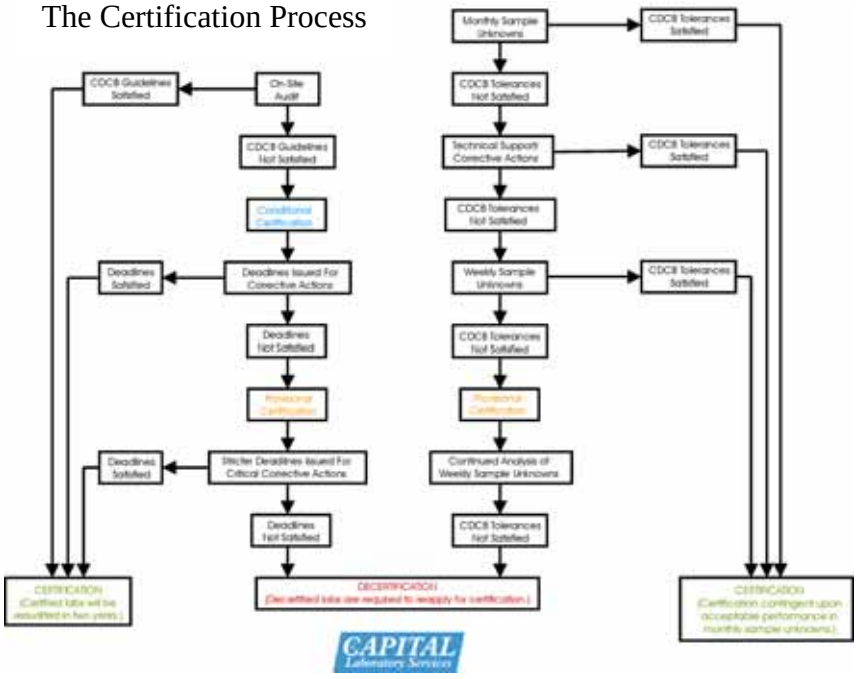
- Pilot sample collection
- Pilot sample Uniformity
- Hourly Control Samples

CAPITAL Laboratory Services

The Certification Process



CAPITAL Laboratory Services

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www.quality-certification.com/Unknown/DHIACertWelcome.asp

Log-In Screen

Main Menu

Batch Selection

Main Menu

Test Instrument Identification

Main Menu

Sample Unknown Entry

Samples Unknown Entry

Main Menu

Batch Certification Report

B2500 A
Butterfat

Sample Number	Lab/Instrument Ref	Lab/Instrument Inst	Avg Diff	Instr Results Rep1	Instr Results Rep2	Prec Stats Range	Prec Stats SD	Prec Stats Reps	Accuracy Stats IR Mean	Accuracy Stats Diff
1	3.557	3.564	0.007	3.56	3.58	0.020	0.014		3.570	0.013
2	3.907	3.909	0.002	3.91	3.90	0.010	0.007		3.905	-0.002
3	2.990	2.990	0.000	3.01	3.03	0.020	0.014		3.020	0.030
4	4.153	4.138	-0.015	4.20	4.20	0.000	0.000		4.200	0.047
5	3.547	3.550	0.003	3.57	3.59	0.020	0.014		3.580	0.033
6	3.797	3.782	-0.015	3.78	3.79	0.010	0.007		3.785	-0.012
7	3.707	3.723	0.016	3.74	3.77	0.030	0.021		3.755	0.048
8	3.223	3.224	0.001	3.26	3.26	0.000	0.000		3.260	0.037
9	3.640	3.649	0.009	3.68	3.67	0.010	0.007		3.675	0.035
10	4.297	4.289	-0.008	4.28	4.27	0.010	0.007		4.275	-0.022
11	4.817	4.800	-0.017	4.75	4.76	0.010	0.007		4.755	-0.062
12	4.370	4.382	0.012	4.40	4.39	0.010	0.007		4.395	0.025
		MD	0.000				SDA	0.006	MD	0.014
		SDD	0.011						SDD	0.033

Batch Certification Report

Month	FAT Results MD	SDD	RMD
Jun	-0.011	0.020	0.002
Jul	0.009	0.015	0.008
Aug	-0.027	0.023	0.004
Sep	-0.004	0.011	0.002
Oct	0.005	0.018	-0.002
Nov	0.006	0.023	-0.004
Dec	0.022	0.018	0.002
Jan	-0.015	0.022	-0.002
Feb	-0.037	0.020	-0.004
Mar	0.006	0.020	-0.002
Apr	-0.025	0.018	-0.007
May	0.014	0.033	-0.006

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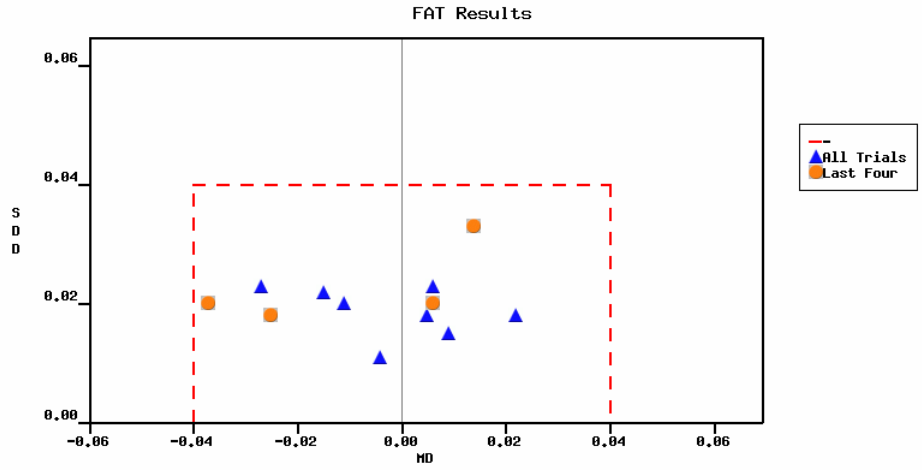
Batch Certification Report



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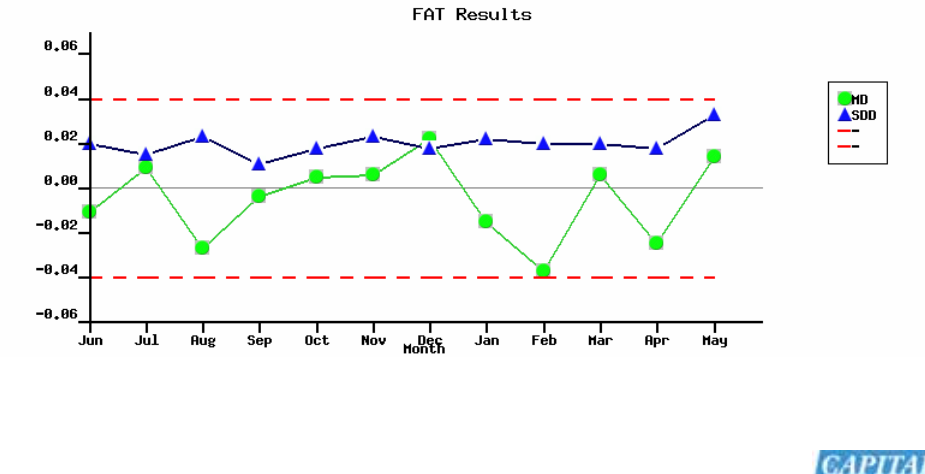
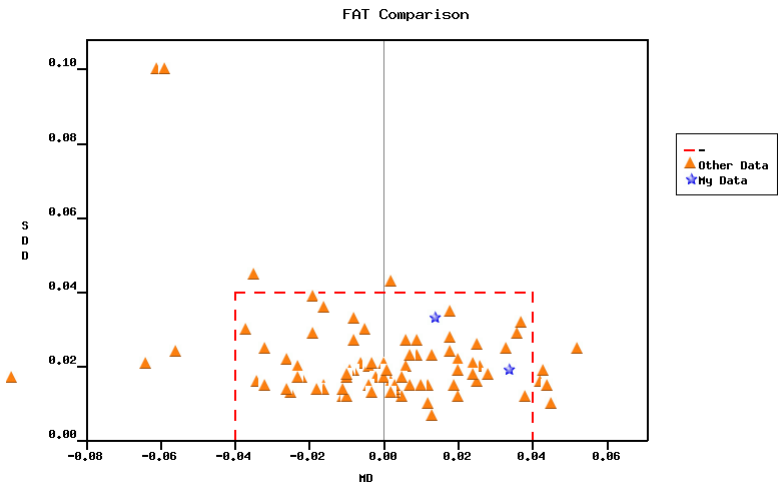


Main Menu

Batch Comparison Report