Vermont Forensic Laboratory
DataMaster DMT Calibration Logbook

Technician Name	Date	DMT Serial Number		Lot Number	# of times solution run	Certified Concentration (g/210L)	CAL Factor or Average	Sim Solution NIST Temp °C at time of use	Notes
A. Boldue	5/18/12	123006	Calibration Solution	12-71-100	1	0.100	0.990995	34.2°C	Termometer S/N 111814367
Review TLC 6/28/12			In-House QC Standard	12-39-100	1	0.100	0.100	34.2	
			2nd Source QC Standard	Guth 11250	1	0.10	0.099	34.0	
A. Boldue	6/21/12	103809	Calibration Solution	12-71-100	1	0.100	0.977056	34.0	SN 101489856 Termometer
Review TLC 6/28/12			In-House QC Standard	12-39-100	2	0.100	0.100	34.0	
			2nd Source QC Standard	Guth 11250	2	0.10	0.097	33.9	
A. Boldue/RD	6/28/12	102606	Calibration Solution	12-71-100	2	0.100	~~0.60~~ @ 6/25 0.973221	34.0	SN 101489856 Thermometer
detector voltage >± 0.1 recalibrated @ TLC 8/9/12 Review			In-House QC Standard	1239-100	5	0.100	0.099	34.0	
			2nd Source QC Standard	Guth 11250	3	0.10	0.097	33.8	
DEB / RD	6/28/12	104509	Calibration Solution	12-71-100	@ ~~3~~ 4	0.100	1.007636	34.0	Thermometer S/N 101489856
detector voltage >± 0.1 recalibrated @ TLC 8/9/12 Review			In-House QC Standard	12-39-100	6	0.100	0.099	34.0	Recalibrated, forgot to purge Sim ports prior to cal
			2nd Source QC Standard	Guth 11250	4	0.10	0.096	33.8	
A. Boldue	6/29/12	104509	Calibration Solution	12-71-100	1	0.100	1.019158	34.0	Thermometer 101489856
Review TLC 8/9/12			In-House QC Standard	12-39-100	7	0.100	0.100	33.9	
			2nd Source QC Standard	Guth 11250	1	0.10	0.099	33.9	
A. Boldue	6/29/12	102606	Calibration Solution	12-71-100	2	0.100	0.947836	34.0	T° 101489856
Review TLC 8/9/2012			In-House QC Standard	12-39-100	8	0.100	0.098	33.9	Failed Interferent testing
			2nd Source QC Standard	Guth 11250	2	0.10	0.097	33.9	
A. Boldue	7/2/12	102606	Calibration Solution	12-71-100	3	0.100			Failed interferent testing
Review TLC 8/9/2012			In-House QC Standard						
			2nd Source QC Standard						
A. Boldue	7/2/12	100144	Calibration Solution	12-71-100	4	0.100	0.974548	34.2	S/N 111814367
Review TLC 8/9/2012			In-House QC Standard	12-39-100	9	0.100	0.099	34.2	
			2nd Source QC Standard	Guth 11250	3	~~0.090~~ 0.10	0.098	~~34.2~~ 34.0	

@ @ 7/2/12

Technician Name	Date	DMT Serial Number		Lot Number	# of times solution run	Certified Concentration (g/210L)	CAL Factor or Average	Sim Solution NIST Temp °C at time of use	Notes
R. Driscoll	7/26/12	102806	Calibration Solution	12-71-100	1	0.100	0.997420	33.9	Thermometer S/N 111814522
			In-House QC Standard	12-39-100	10	0.100 ~~0.098~~ RCD	0.098	34.0	
Review TLC 8/9/12			2nd Source QC Standard	Guth 11250	4	0.10	0.098	33.8	
R. Driscoll	7/26/12	121706	Calibration Solution	12-71-100	2	0.100	0.976704	33.9	Thermometer S/N: 111814522
			In-House QC Standard	12-39-100	NO RUN	Cal Check Error			
Review TLC 8/9/2012			2nd Source QC Standard	N/A					
R. Driscoll	7/26/12	121706	Calibration Solution	12-71-100	3	0.100	0.985956	33.9	Thermometer S/N: 111814522
			In-House QC Standard	12-39-100	11	0.100	INTERFERENCE	34.0	→ filter wheel issues. RCD
Review TLC 8/9/2012			2nd Source QC Standard	N/A					
R. Driscoll	7/27/12	103206	Calibration Solution	12-71-100	4	0.100	0.980162 ~~0.966522~~ RCD	34.0	Thermometer S/N: 111814522
			In-House QC Standard	12-39-100	12	0.100	0.098	34.0	
Review TLC 8/9/2012			2nd Source QC Standard	Guth 11250	5	0.10	0.097	33.9	
R. Driscoll	7/27/12	121706	Calibration Solution	12-71-100	5	0.100	0.966522	33.9	Poured out Guth + replaced w/ new. 1st run was .096
			In-House QC Standard	12-39-100	13	0.100	0.097	34.0	
Review TLC 8/9/2012			2nd Source QC Standard	Guth 11250	1	0.10	0.099	34.1	Thermometer S/N: 111814522
R. Driscoll	8/2/12	121706	Calibration Solution	N/A					Cal Check Post pre-deployment testing
			In-House QC Standard	12-39-100	14	0.100	0.097	34.0	
Review TLC 8/9/2012			2nd Source QC Standard	Guth 11250	2	0.10		34.0	Thermometer S/N: 111814522 RCD
R. Driscoll	8/2/12	102806	Calibration Solution	12-71-100	1	0.100	.991426	33.9	Thermometer S/N: 111814522
			In-House QC Standard	12-39-100	15	0.100	0.097	34.0	
Review TLC 8/9/2012			2nd Source QC Standard	Guth 11250	3 ~~2~~ RCD	0.10	0.100	34.0	
R. Driscoll	8/9/12	102806	Calibration Solution	N/A					Cal Check Post pre-redeployment testing RCD
			In-House QC Standard	12-61-100	1	0.101	0.101	34.0	
Review TLC 12/5/2012			2nd Source QC Standard	Guth 11250	4	0.10	0.100	34.0	Thermometer S/N: 111814522

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R. Driscoll	10/15/12	100162	Calibration Solution	12-71-100	1	0.100	.959772	34.0	Thermometer S/N: 111814522
			In-House QC Standard	12-61-100	2	0.101	0.098	34.0	
Review TLCA 12/5/12			2nd Source QC Standard	Guth 11250	1	0.10	0.099	34.1	
R. Driscoll	10/16/12	100162	Calibration Solution	12-71-100	2	0.100	.958003	34.0	Thermometer S/N: 111814522
			In-House QC Standard	12-61-100	3	0.101	0.098	33.9	
Review TLCA 12/5/12			2nd Source QC Standard	Guth 11250	2	0.10	0.099	34.0	
R. Driscoll	12/18/12	104709	Calibration Solution	12-71-100	1	0.100	.977476	34.0	Thermometer S/N 111814522
			In-House QC Standard	12-61-100	1	0.101	Interference	34.0	
Review			2nd Source QC Standard	Guth 11250	~~3~~ 2	0.10	NOT RAN	34.1	
R. Driscoll	12/21/12	100156	Calibration Solution	12-71-100	2	0.100	.977392	34.0	Thermeter S/N: 111814522
			In-House QC Standard	12-61-100	2	0.101	0.100	34.0	
Review TLCA 1/15/2013			2nd Source QC Standard	Guth 11250	~~1~~ RD 12/21/12	0.10	0.100 ~~0.099~~ RD 12/21/12	34.0	replaced Guth 11250 RD 12/21/12
R. Driscoll	12/24/12	100156	Calibration Solution	12-71-100	3	0.100	.987216	33.9	Thermometer S/N 111814522
			In-House QC Standard	12-61-100	3	0.101	0.101	33.9	
Review TLCA 1/15/2013			2nd Source QC Standard	Guth 11250	2	0.10	0.101	34.0	
R. Driscoll	2/4/13	100161	Calibration Solution	12-71-100	1	0.100	.973298	33.9	Thermometer S/N 111814522
			In-House QC Standard	Guth 11250	3	0.10	0.097	34.0	
Review ABOA 2/4/13			2nd Source QC Standard						
R. Driscoll	4/1/13	104709	Calibration Solution	12-71-100	1	0.100	.968331	34.0	Thermometer S/N. 111814522
			In-House QC Standard						
Review TLCA 5/2/13			2nd Source QC Standard	OHEO 12070	1	0.101	.098	34.0	
			Calibration Solution						
			In-House QC Standard						
Review			2nd Source QC Standard						