DataMaster Calibration and Certification Solution Logbook

DRAFT

DataMaster Calibration Logbook Entry Instructions

- All DataMaster Calibrations shall be logged.
- A log entry shall be made **each** time the Calibration solution is analyzed.
- A new bottle of Calibration solution should be used for each calibration.
- A previously used Calibration solution may be used if the solution is not depleted.
    - If the solution has been open for more than one week, it shall be replaced.
    - If the solution has been analyzed more than twenty (20) times, it shall be replaced.
- The simulator temperature must be confirmed with a NIST traceable thermometer prior to analysis.
- The simulator temperature must read 34.0°C ± 0.2

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Vermont Department of Health Laboratory
DataMaster Calibration Logbook

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AEBoldue	1/22/10	103809	Y	10-12-100	.099	.986110	33.99°	75°
Steven Harris	1/25/10	104309	N	"	"	.991524	34.00	73°
"	"	104709	N	"	"	.982461	34.00	73°
QNB	2/4/10	103609	Y	10-22-100	.101	1.005153	34.08	74.8°
AES	2/5/10	104209	N	10-22-100	.101	1.008565	34.05	74.1°
AES	2/5/10	104109	N	10-22-100	.101	1.028715	34.04	74.8°
AES	2/5/10	103509	N	10-22-100	.101	0.997099	33.99	76.1
DM	2/5/10	103709	N	10-22-100	0.101	0.993441	33.99	76.3
AES	2/5/10	104509	N	10-22-100	0.101	1.043495	33.99	76.0

DataMaster Calibration Logbook

Name	Date	DM Serial Number	Open New? Y/N	Lot Number	Certified Value	CAL Result	Sim Temp	Room Temp
Steven Harnois	4/27/09	~~101711~~ 101708	N	09-24-100	.100	1.039866	34.0°C	78.8°F
Steven Harnois	4/29/09	950161	N	09-24-100	.100	.9721	34.0°C	73.9°F
Steven Harnois	4/29/09	950161	Yes	09-24-100	.100	.945982	34.0°C	73.4°F
Steven Harnois	5/15/09	950180	N	09-24-100	.100	1.000	34.0°C	71.6
Steven Harnois	5/21/09	950180	N	09-24-100	.100		34.0°C	73
"	5/21/09	950180	N	"	"	.98838	34.0°C	72.7
"	5/22/09	"	N	"	"	.98658629	34.0°C	77.0
"	5/28/09	950168	N	"	"	.98035	34.0°C	77.5
"	"	"	N	"	"	.98035	34	74
"	6/5/09	102806	Y	09-24-100	.1	.99716	33.969	71.8
Steven Harnois	6/11/09	123206	N	"	"	1.032896	33.972	73.9
Steven Harnois	6/11/09	122206	N	"	"	1.025236	34.01	75.1
ALS	6/15	123106	N (only so that unofficial cal)	09-24-100	0.100	—		
↓	↓	101708		"	"			

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Name	Date	DM Serial Number	Open New? Y/N	Lot Number	Certified Value	CAL Result	Sim Temp	Room Temp
Steven Harnois	7/7/09	950162	Y 6/24/09	09-24-100	.1	.9929	34	69.1
"	"	"	Y 6/24/09	09-44-09A			34	69.1
"	7/9/09	950162	N 6/24/09	09/24/100	.1	.09456769	33.96	69.8
Steven Harnois	8/4/09	950153	N 6/24/09	09/24/100	.1	.9607	33.97	72.1
"	"	200074	N 6/24/09	09/24/100	.1	.94199	33.97	72
"	"	950153	Y 8/4/09	10-02-100	.101	.92746	33.97	72
"	"	200074	N "	"	"	.98555	33.97	72
"	"	"	"	"	"	.90108	"	"
"	"	"	"	"	"			
Steven Harnois	8/14/09	950169	N 8/14/09	10-02-100	.101	.103388	34.0	72.2
Steven Harnois	8/21/09	950168	Y 8/21/09	10-02-100	.101	.972568	34.0	75.4
"	"	122306	N "	"	"	1.022435	34.0	74.1
Steven Harnois	9/14/09	200073	N "	"	.101	.98741764	34.0	73.4

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Steven Harnois	9/28/09	950176	Y	10-02-100	.101	.943197340	34	67°F
"	11/20/09	102606	N	10-12-100	.099	.0998667	34	77°F
"	11/25/09	102506	N	"	.099	.994362	34	75
"	"	"	Y	10-12-100	.099	1.02	34	72
Steven Harnois	12/14/09	104609	Y	10-12-100	.099	.9962	34	73
"	"	104309	N	"	"	.9733	"	"
"	"	103809	N	"	.099	.099	"	"
"	12/14/09	104909	N	"	"	1.005	"	75
"	"	104409	N	"	"	.98385	"	"
"	"	104709	N	"	"	.9813	"	"
↓	12/15/09	101809	N	"	"	.992614	"	75
↓	12/15/09	104009	N	"	"	.997998	"	"
↓	"	103909	N	"	"	.970417	"	"

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Name	Date	DM Serial Number	Open New? Y/N	Lot Number	Certified Value	CAL Result	Sim Temp	Room Temp
Steven Harnois	12/15/09	104709	N	10-12-100	.099	.975875	34	75
Steven Harnois	12/15/09	104609	N	"	"	.988268	"	"

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DataMaster Certification Solution Logbook

Technician Name	Date	DM Serial Number	Lot Number	Concentration	Date Opened	Expiration Date	Sim Temp	DM Result
[illegible]	4/28	101708	09-34-020	0.021	4/27/09	4/2/10	34.0	0.020
"	"	"	09-25-080	0.080	4/27/09	2/20/10	34.0	0.077
"	"	for training only	09-35-160	0.148	4/28/09	for training unit only	34.0	0.153
"	"	101708	09-36-400	0.382	4/27/09	4/2/10	34.0	0.393
[illegible]	4/28	101708	09-14-0841	0.08 EtOH 0.01 Acetone	3/16/09	8/19/08	34.1	Int.
Steven Harnois	4/29	950161	09-34-020	0.021	4/27/09	04/02/10	34.0	0.022
Steven Harnois	4/29	950161	09-05-050	0.500	4/29/09	09/03/09	34.0	0.0515
Steven Harnois	4/29	950161	09-34-020	.021	4/27/09	4/2/10	34.0	.021
Steven Harnois	4/29	950161	09-05-050	0.050	4/29/09	09/03/09	34.0	.050
Steven Harnois	4/29	950161	09-36-400	0.382	4/27/09	4/2/10	34.0	.393
Steven Harnois	5/15	950180	9-34-020	0.021	4/27/09	9/3/09	34.0	.021
"	5/15	950180	9-5-050	.050	4/29/09	9/3/09	34.0	.051
"	5/22	950180	9-34-020	.021	4-27-09	9/3/09	34	.020

All DataMaster Certifications shall be logged. Solutions shall be replaced quarterly or when the results exceeds 5% of the certified value; 10% for 0.02 solutions. Simulator temperatures must read 34.0C +/- 0.2.

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DataMaster Certification Solution Logbook

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Steven Harnois	5/22/09	950180	09/05/050	.050	4/29/09	9/3/09	34	.0498 ~~.1024~~
"	5/22/09	"	09/36/400	.382	4/27/09	4/2/10	34	.397
"	5/28/09	950168	09-34-020	.021	4/27/09	9/3/09	34	.020
"	"	"	09/05/050	.050	4/29/09	9/3/09	34	.050
"	"	"	09/36/400	.382	4/27/09	4/2/10	34	.393
"	6/5/09	102806	09-34-020	.021	4/27/09	4/2/10	34	.020
"	6/5/09	102806	09-25-080	.080	6/4/09	2/20/10	34	.079
"	6/5/09	102806	09-38-160	.159	6/4/09	5/4/10	34	.161
"	"	102806	09-36-400	.382	4/29/09	4/2/10	34	.395
"	6/10/09	123206	09-34-020	.021	4/27/09	4/2/10	34	.020
↓	↓	"	09-25-080	.080	6/4/09	2/20/10	34	.079
↓	↓	"	09-38-160	.159	6/4/09	5/4/10	34	.159
↓	↓	"	09-36-400	.382	4/27/09	4/2/10	34	.394

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Technician Name	Date	DM Serial Number	Lot Number	Concentration	Date Opened	Expiration Date	Sim Temp	DM Result
Steven Harnois	6/10/09	123206	09-14-080A1	.079 EtOH .01 Ace	6/10/09	2/9/10	34	Interferance
Steven Harnois	6/11/09	122206	09-34-020	.021	4/27/09	4/2/10	34	.020
↓	↓	↓	09-25-080	.080	6/4/09	2/20/10	34	.078
↓	↓	↓	09-38-160	.159	6/4/09	5/4/10	34	.159
↓	↓	↓	09-36-400	.382	4/27/09	4/2/10	34	.396
Steven Harnois	6/11/09	12/22/06	09-14-080A1	.079 EtOH .01 Ace	6/10/09	2/9/10	34	Interferance
AES	6/15	123106	09-34-020	0.021	4/27/09	4/2/10	Software test only, not official	(0.019)
↓	↓	↓	09-25-080	0.080	6/4/09	2/20/10	"	(0.080) "
↓	↓	↓	09-38-160	0.159	6/4/09	5/4/10	"	(0.160) "
↓	↓	↓	09-36-400	.382	4/27/09	4/2/10	"	(0.394) "
↓	↓	↓	09-14-080A1	.079 EtOH 0.01 Ace	6/10/09	2/9/10	"	Int.
AES	6/11	101708	09-34-020	0.021	4/27/09	4/2/10	Software testing not official	(0.020)
			09-25-080	.080	6/4/09	2/20/10	"	(0.079 "

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ALB	6/11	101708	09-38-160	0.159	6/4/09	5/4/10	Software not testing	0.161
			09-36-400	.382	4/27/09	4/2/10	"	(0.394"
Steven Harnois	7/7	950162	09-34-020	.021	4/27/09	4/2/10	34	.0205
"	"	"	09-05-050	~~.0491~~ .050	4/29/09	09/03/09	34	.0491
Steven Harnois	7/7	"	09-36-400	.382	4/27/09	4/2/10	34	Interference
"	"	"	"	"	7/7/09	"	"	"
Steven Harnois	7/9	950162	09-34-020	.021	4/27/09	4/2/10	34	.019
"	"	"	09-05-050	~~.0491~~ .050	4/29/09	9/3/09	34	.0477
"								
"	"	950162	09/36-400	.382	7/7/09	4/2/10	34	.407
DMR	7/28/09	101708	09-34-020	0.021	7/16/09	4/2/10	software testing	0.020
DMR	7/28/09	101708	09-25-080	0.080	6/4/09	2/2/10	"	0.080
DMR	7/28/09	101708	09-38-160	0.159	6/4/09	5/4/10	"	0.162

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DMM	7/28/09	101708	09-36-400	0.382	7/7/09	4/2/10	Software 34.0 testing	0.411
DMM	7/28/09	101708	09-1408A1	0.01 Acetone in 0.079 EtOH	6/10/09	2/9/10	"	✓
Steven Harris	8/4/09	950153	09-34-020	.021	7/16/09	4/2/10	34	.022
"		200074	"	"	"	"	"	.0214
"		950153	09-05-050	.050	7/16/09	9/3/09	"	.052
"		200074	"	"	"	"	"	.052
"		950153	09-34-020	.021	7/16/09	4/2/10	34	.02070
"		200074	"	"	"	"	"	.0201
"		950153	09-03-050	.050	"	9/3/09	34	.0491
"		200074	"	"	"	"	"	.049
"		950153	09-36-400	.382	7/7/09	4/2/10	"	.3908
~~"~~		~~200074~~	~~"~~	~~.382~~	~~7/7/09~~	~~4/2/10~~	~~"~~	

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Steven Harnois	8/4/09	200074	09-34-020	.021	7/16/09	4/2/10	34	.021
"	"	200074	09-03-050	.050	"	9/3/09	34	.0498
"	8/5/09	"	09-36-400	.382	7/7/09	4/2/10	34	.3917
"	"	950153	09-29-02A	.02 Acetone in .09 EtOH	6/24/09	3/25/10	34	✓
"	"	200074	"	"	"	"	34	✓
"	8/6/09	950153	10-04-05T	.05 Tol	8/6/09	8-5-10	34	✓
"	"	200074	"	"	"	"	34	✓
Steven Harnois	8/19/09	950169	09-34-020	.021	7/16/09	4/2/10	34	.021
"	"	"	09-03-050	.050	7/16/09	9/3/09	34	.050
"	"	"	09-36-400	.382	7/7/09	4/2/10	34	.408
"	"	"	09-29-02A	.02 Acetone in .1 EtOH	6/24/09	3/25/10	34	✓
"	"	"	10-04-05T	.05 Tol in H2O	8/6/09	8/5/10	34	✓
"	"	"	Absolute in H2O	50.50	11/08	—	Room	✓

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Steven Harris	8/21/09	950168	09-34-020	.021	7/16/09	4/2/10	34	.020
"	"	122306	"	"	"	"	"	.020
"	"	950168	09-05-050	.050	"	9-3-09	"	.049
"	"	122306	09-25-080	.080	6/4/09	2-20-10	34	.077
"	"	"	09-38-160	.159	6/4/09	5-4-10	34	.157
"	"	950168	09-36-400	.382	7/7/09	4/2/10	34	.389
"	"	122306	"	"	"	"	"	
"	"	950168	09/29-021A	.02 Acetone in .1 ETOH	6/24/09	3/25/10	34	✓
"	"	"	10-04-05T	Toluene in H2O	8/6/09	8/5/10	34	✓
"	"	"	Absolute		11/08	—	Room Temp	✓
"	"	122306	09-14-080A1	.01 Acetone .08 ETOH in H2O	6/10/09	2/19/10	34	✓
Steven Harris	8/14/09	200073	09-34-020	.021	7/16/09	4/2/10	34	.020
"	9/15/09	200073	09-42-050	.052	9/14/09	5/12/10	34	.049

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DataMaster Certification Solution Logbook

Technician Name	Date	DM Serial Number	Lot Number	Concentration	Date Opened	Expiration Date	Sim Temp	DM Result
Steven Harmon	9/19/09	200073	09-36-400	.382	7/7/09	4/2/10	34	.39
"	"	"	09-29-02A	.02 Acetone in .1 EtOH	6/24/09	3/25/10	34	✓
"	"	"	10-04-05T	.05 Toluene in H2O		9/15/09	34	✓
"	9/28/09	950176	09-34-020	.021	7/16/09	4/2/10	34	.018
"	"	"	"	"	9/28/09	4/2/10	34	.020
"	"	"	09-42-050	.052	9/28/09	4/2/10	34	.049
"	"	"	09-36-400	.382	7/7/09	4/2/10	34	.388
"	"	"	09/29/02A	.02 Acetone in .1 EtOH	6/24/09	3/5/10	34	✓
"	"	"	10/04/05T	.05 Toluene	9/28/09	8/5/10	34	✓
Steven Harmon	11/20/09	102606	10-13-020	.020	11/19/09	10-7-10	34	.019
↓	↓	"	09-43-080	.080 .083	↓	5-20-10	34	.079
↓	↓	"	09-38-160	.160 .159	↓	5-4-10	34	.159
↓	↓	"	10-14-400	.400 .387	↓	10-7-10	34	.387

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DataMaster Certification Solution Logbook

Technician Name	Date	DM Serial Number	Lot Number	Concentration	Date Opened	Expiration Date	Sim Temp	DM Result
Steven Harnois	11/20/09	102606	10-05-08A1	.01 Acetone in .08 EtOH	11/20/09	2/7/10	34	✓
~~Darcy Richardson~~	~~11/24/09~~	~~102506~~	~~10-~~					
Steven Harnois	11/25/09	102506	1013020	.020	11/19/09	10/7/10	34	N/A Less Than .019
"	"	"	09/34/020	.021	9/28/09	4/2/10	34	.019
"	"	"	09/43/080	.083	11/19/09	5/20/10	34	.077
"	"	"	09/34/020	.021	9/28/09	4/2/10	34	.019
"	"	"	1013020	.020	11/25/09	10/7/10	34	.018
"	"	"	0943080	.083	11/19/09	5/20/10	34	.079
"	"	"	09-38-140	.159	11/19/09	5/4/10	34	.158
"	"	"	10-14-400	.387	11/19/09	10/7/10	34	
"	"	"	10-05-08A1	.08 EtOH in .01 Acetone	11/20/09	2/7/10	34	✓
Steven Harnois	12/14/09	104609	10-13-020	.020	12/14/09	10/7/10	34	.018
"	"	104309	"	"	"	"	"	.018

All DataMaster Certifications shall be logged. Solutions shall be replaced quarterly or when the results exceeds 5% of the certified value; 10% for 0.02 solutions. Simulator temperatures must read 34.0C +/- 0.2.

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Technician Name	Date	DM serial Number	Lot number	Concentration	Date Opened	Expiration date	Sim Temp	DM Result
Steven Harnois	12/15/2009	104809	10-13-020	0.020	12/14/09	10/07/10	34	0.019
Steven Harnois	12/15/2009	104009	10-13-020	0.020	12/14/09	10/07/10	34	0.018
Steven Harnois	12/15/2009	103909	10-13-020	0.020	12/14/09	10/07/10	34	0.018
Steven Harnois	12/15/2009	104809	10-19-080	0.081	12/14/09	11/30/10	34	0.078
Steven Harnois	12/15/2009	104009	10-19-080	0.081	12/14/09	11/30/10	34	0.077
Steven Harnois	12/15/2009	103909	10-19-080	0.081	12/14/09	11/30/10	34	0.077
Steven Harnois	12/15/2009	104809	10-20-160	0.159	12/14/09	11/30/10	34	0.155
Steven Harnois	12/15/2009	104009	10-20-160	0.159	12/14/09	11/30/10	34	0.157
Steven Harnois	12/15/2009	103909	10-20-160	0.159	12/14/09	11/30/10	34	0.156
Steven Harnois	12/15/2009	104809	09-36-400	0.382	12/14/09	04/02/10	34	0.390
Steven Harnois	12/15/2009	104009	09-36-400	0.382	12/14/09	04/02/10	34	0.396
Steven Harnois	12/15/2009	103909	09-36-400	0.382	12/14/09	04/02/10	34	0.395
Steven Harnois	12/15/2009	104809	10-05-080A1	.079etoh/.01acetone	12/14/09	02/07/10	34	X
Steven Harnois	12/15/2009	104009	10-05-080A1	.079etoh/.01acetone	12/14/09	02/07/10	34	X
Steven Harnois	12/15/2009	103909	10-05-080A1	.079etoh/.01acetone	12/14/09	02/07/10	34	X
Steven Harnois	12/15/2009	104609	10-13-020	0.020	12/14/09	10/07/10	34	0.018
Steven Harnois	12/15/2009	104709	10-13-020	0.020	12/14/09	10/07/10	34	0.019
Steven Harnois	12/15/2009	104609	10-19-080	0.081	12/14/09	11/30/10	34	0.078
Steven Harnois	12/15/2009	104709	10-19-080	0.081	12/14/09	11/30/10	34	0.078
Steven Harnois	12/15/2009	104609	10-20-160	0.159	12/14/09	11/30/10	34	0.156
Steven Harnois	12/15/2009	104709	10-20-160	0.159	12/14/09	11/30/10	34	0.157
Steven Harnois	12/15/2009	104609	09-36-400	0.382	12/14/09	04/02/10	34	0.393
Steven Harnois	12/15/2009	104709	09-36-400	0.382	12/14/09	04/02/10	34	0.396
Steven Harnois	12/15/2009	104609	10-05-080A1	.079etoh/.01acetone	12/14/09	02/07/10	34	X
Steven Harnois	12/15/2009	104709	10-05-080A1	.079etoh/.01acetone	12/14/09	02/07/10	34	X

Technician Name	Date	DM serial Number	Lot number	Concentration	Date Opened	Expiration date	Sim Temp	DM Result
Steven Harnois	12/22/2009	122206	10-13-020	0.020	12/14/09	10/07/10	34	0.019
Steven Harnois	12/22/2009	122206	10-19-080	0.081	12/14/09	11/30/10	34	0.079
Steven Harnois	12/22/2009	122206	10-20-160	0.159	12/14/09	11/30/10	34	0.159
Steven Harnois	12/22/2009	122206	09-36-400	0.382	12/14/09	04/02/10	34	0.399
Steven Harnois	12/22/2009	122206	10-05-080A1	.079etoh/.01acetone	12/14/09	02/07/10	34	X
SH	12/22	122206	10-12-100	.099	12/15			

DataMaster Certification Solution Logbook

Technician Name	Date	DM Serial Number	Lot Number	Concentration	Date Opened	Expiration Date	Sim Temp	DM Result
Steven Harnois	12/14/100	104709	10-13-020	.020	12/14/09	10/7/10	34	.018
		104409	"	"	"	"	"	.018
		104909	"	"	"	"	"	.018
		104709	10-19-080	.081		11/30/10		.079
		104409	"	"				.078
		104909	"	"				
		104709	10-20-160	.159		11/30/10		.158
		104409	10-20-160	"				.156
		104909	10-20-160	"				
		104709	09-56-400	.382		4/2/10		.388
		104409	"	"				.397
		104909	"	"				
		104709	10-03-080AL	.079 ETOH		2/7/10	34	
		104409		in .01 Acetone				
		104909		in 1/20				

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