

Certificate no: 4831_800_00154823
Foil batch no: 1824M

Product: 4831
Calibration date: 20.01.2019

Serial no: 800
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Index	Temperature reference(°C)	[O2] Reference(μM)	Temperature raw data(mV)	Phase reading(°)
0	30.181	2.32	-148.093	59.97
1	20.286	2.18	172.193	60.87
2	10.303	2.23	499.680	61.67
3	0.867	2.57	789.060	62.34
4	0.954	22.82	786.527	59.46
5	1.032	45.89	784.267	56.68
6	1.088	68.08	782.647	54.28
7	1.136	111.78	781.267	50.24
8	1.172	154.05	780.227	47.00
9	1.202	219.89	779.360	42.94
10	1.225	328.97	778.680	37.96
11	1.242	433.66	778.173	34.52
12	1.256	537.76	777.813	31.90
13	10.867	16.11	481.587	58.77
14	10.760	35.97	485.027	55.32
15	10.686	52.57	487.393	52.82
16	10.627	86.90	489.287	48.47
17	10.546	119.61	491.913	45.17
18	10.520	172.80	492.747	40.87
19	10.497	250.52	493.460	36.30
20	10.483	339.38	493.927	32.61
21	10.460	420.38	494.647	30.15
22	20.772	13.06	156.147	57.69
23	20.689	28.25	158.880	54.05
24	20.633	42.33	160.707	51.17
25	20.591	69.69	162.120	46.57
26	20.557	93.84	163.207	43.35
27	20.534	137.24	164.000	38.86
28	20.514	200.52	164.640	34.24
29	20.502	271.17	165.033	30.69
30	20.494	340.84	165.293	28.18
31	30.428	10.39	-155.793	56.73
32	30.490	22.62	-157.740	52.86
33	30.555	33.81	-159.733	49.82
34	30.610	55.74	-161.447	45.06
35	30.673	77.73	-163.400	41.34
36	30.699	111.72	-164.213	37.01
37	30.748	164.96	-165.747	32.36
38	30.791	220.55	-167.060	29.06
39	30.813	278.47	-167.787	26.63

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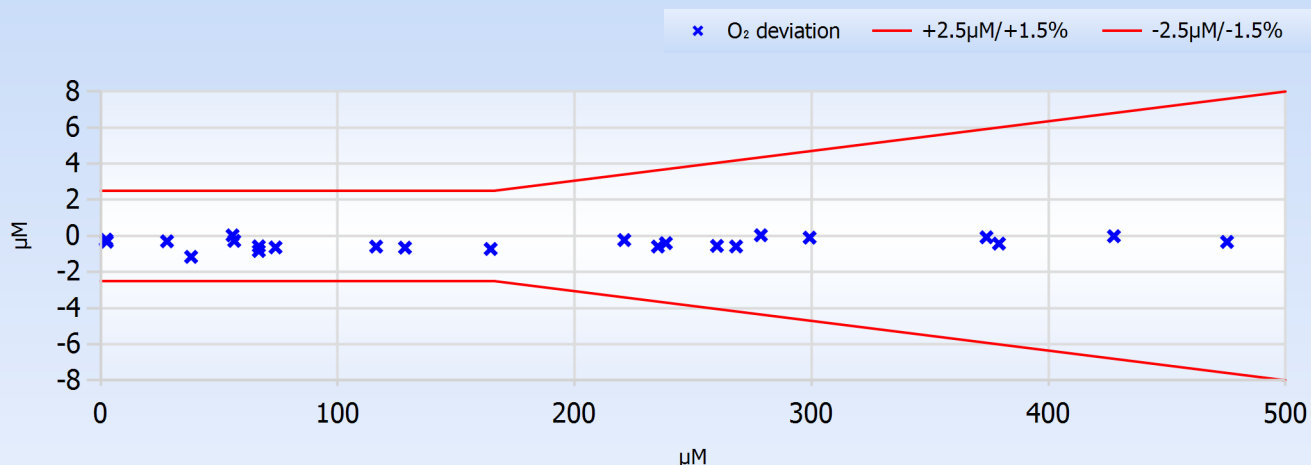
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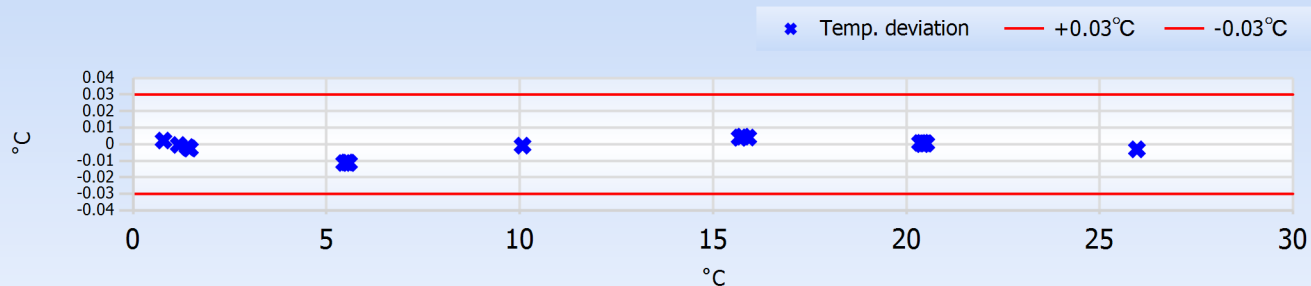
Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	2.80704E-03	1.21880E-04	2.31607E-06	1.50081E02	-1.83959E-01	-3.59244E01	2.99705E00
TempCoef	2.55342E01	-3.08526E-02	2.91942E-06	-4.35391E-09	0.00000E00	0.00000E00	

Oxygen validation



Temperature validation



With following settings

Index	0	1	2	3
PhaseCoef	-6.41000E-01	1.00000E00	0.00000E00	0.00000E00

Index	0 (Offset)	1 (Slope)
ConcCoef	0.00000E00	1.00000E00
Salinity	0.00	

Date:20.01.2019

Tor-Ove Kvalvaag
Tor-Ove Kvalvaag, Calibration Engineer

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Index	Temperature reference(°C)	[O2] Reference(μM)	Temperature raw data(mV)	Phase reading(°)
0	30.181	2.32	-87.507	58.34
1	20.286	2.18	228.780	59.27
2	10.303	2.23	548.067	60.04
3	0.867	2.57	827.060	60.68
4	0.954	22.82	824.673	57.89
5	1.032	45.89	822.507	55.16
6	1.088	68.08	820.967	52.80
7	1.136	111.78	819.633	48.81
8	1.172	154.05	818.613	45.62
9	1.202	219.89	817.793	41.60
10	1.225	328.97	817.147	36.66
11	1.242	433.66	816.653	33.24
12	1.256	537.76	816.293	30.64
13	10.867	16.11	530.467	57.19
14	10.760	35.97	533.827	53.81
15	10.686	52.57	536.113	51.35
16	10.627	86.90	537.960	47.06
17	10.546	119.61	540.513	43.80
18	10.520	172.80	541.307	39.55
19	10.497	250.52	542.020	35.02
20	10.483	339.38	542.460	31.35
21	10.460	420.38	543.180	28.90
22	20.772	13.06	213.013	56.08
23	20.689	28.25	215.707	52.52
24	20.633	42.33	217.487	49.70
25	20.591	69.69	218.887	45.17
26	20.557	93.84	219.987	41.99
27	20.534	137.24	220.753	37.56
28	20.514	200.52	221.387	32.98
29	20.502	271.17	221.780	29.45
30	20.494	340.84	222.033	26.95
31	30.428	10.39	-95.187	55.04
32	30.490	22.62	-97.113	51.27
33	30.555	33.81	-99.113	48.31
34	30.610	55.74	-100.827	43.63
35	30.673	77.73	-102.773	39.98
36	30.699	111.72	-103.593	35.71
37	30.748	164.96	-105.133	31.10
38	30.791	220.55	-106.440	27.83
39	30.813	278.47	-107.140	25.41

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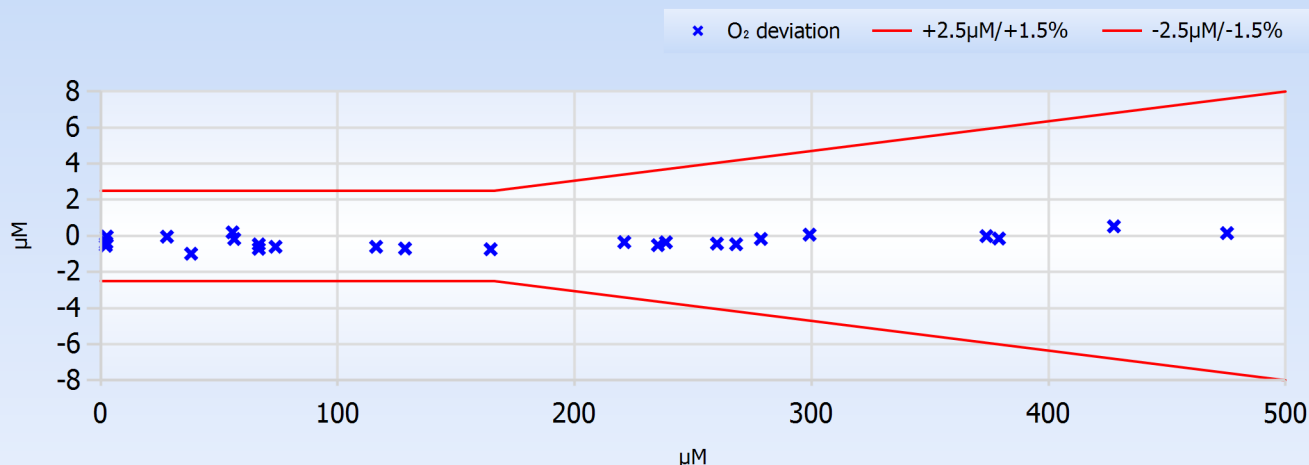
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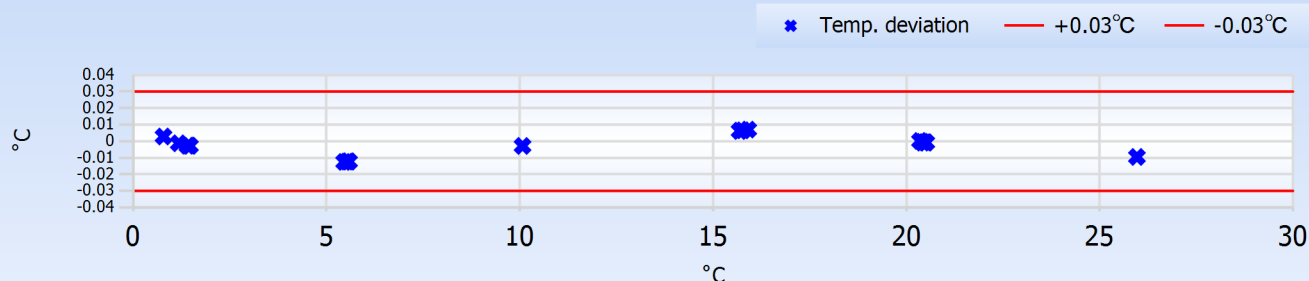
Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	2.77512E-03	1.19993E-04	2.25007E-06	1.62362E02	-2.12826E-01	-3.78126E01	3.26553E00
TempCoef	2.73910E01	-3.15500E-02	3.22884E-06	-4.65913E-09	0.00000E00	0.00000E00	

Oxygen validation



Temperature validation



With following settings

Index	0	1	2	3
PhaseCoef	2.14000E-01	1.00000E00	0.00000E00	0.00000E00

Index	0 (Offset)	1 (Slope)
ConcCoef	0.00000E00	1.00000E00
Salinity	0.00	

Date:20.01.2019

Tor-Ove Kvalvaag
Tor-Ove Kvalvaag, Calibration Engineer