CALIBRATION CERTIFICATE

Form No 830, Juli 2012

Certificate no: 4831_381_00179324
Foil batch no: 1206EM

Product: 4831
Calibration date: 20.11.2020

Serial no: 381
Page 1 of 2

Index	Temperature reference(°C)	[O2] Reference(µM)	Temperature raw data(mV)	Phase reading(°)
0	30.240	1.67	-338.700	59.95
1	20.188	1.03	-22.600	61.06
2	10.228	0.79	310.480	61.90
3	0.895	0.53	616.527	62.60
4	1.160	19.76	608.160	60.17
5	1.259	41.83	605.040	57.67
6	1.355	62.85	601.960	55.51
7	1.436	102.60	599.380	51.95
8	1.506	142.11	597.160	48.93
9	1.561	208.37	595.407	44.78
10	1.601	303.79	594.140	40.26
11	1.617	408.07	593.613	36.60
12	1.624	504.58	593.407	34.00
13	10.746	14.92	293.060	59.16
14	10.651	33.01	296.267	56.31
15	10.582	48.96	298.607	54.09
16	10.529	82.14	300.420	50.11
17	10.488	114.85	301.787	46.87
18	10.449	165.00	303.080	42.87
19	10.426	247.11	303.827	38.03
20	10.412	324.95	304.340	34.71
21	10.402	405.72	304.673	32.10
22	20.573	11.94	-35.200	58.13
23	20.489	26.49	-32.473	54.95
24	20.432	40.31	-30.593	52.33
25	20.384	66.67	-29.007	48.13
26	20.339	94.03	-27.540	44.63
27	20.299	133.87	-26.227	40.61
28	20.266	199.00	-25.133	35.88
29	20.217	264.22	-23.533	32.55
30	20.194	331.91	-22.773	29.99
31	30.209	10.12	-337.787	57.02
32	30.193	22.26	-337.300	53.51
33	30.195	33.14	-337.367	50.82
34	30.200	55.19	-337.513	46.31
35	30.218	76.86	-338.013	42.81
36	30.234	108.77	-338.527	38.81
37	30.247	163.09	-338.900	34.01
38	30.258	219.40	-339.247	30.64
39	30.266	274.22	-339.460	28.28

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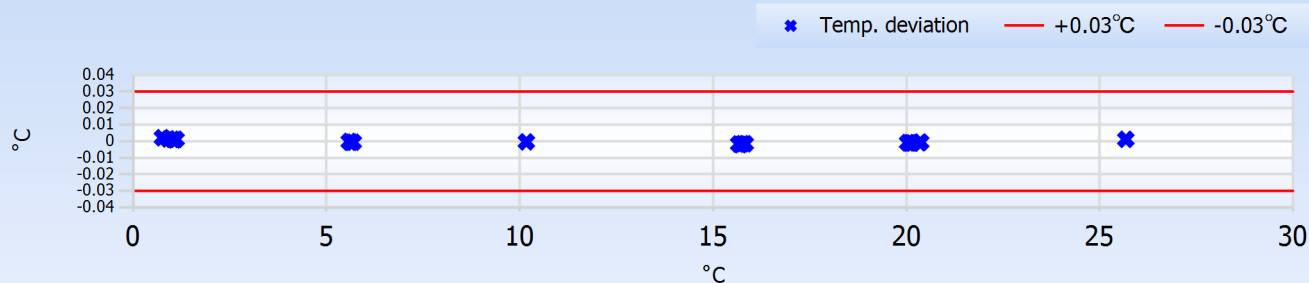## Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	2.53990E-03	1.07206E-04	2.15931E-06	1.90768E02	-2.92407E-01	-5.05338E01	3.84439E00
TempCoef	1.95016E01	-3.03228E-02	2.71612E-06	-4.02394E-09	0.00000E00	0.00000E00	

Oxygen validation
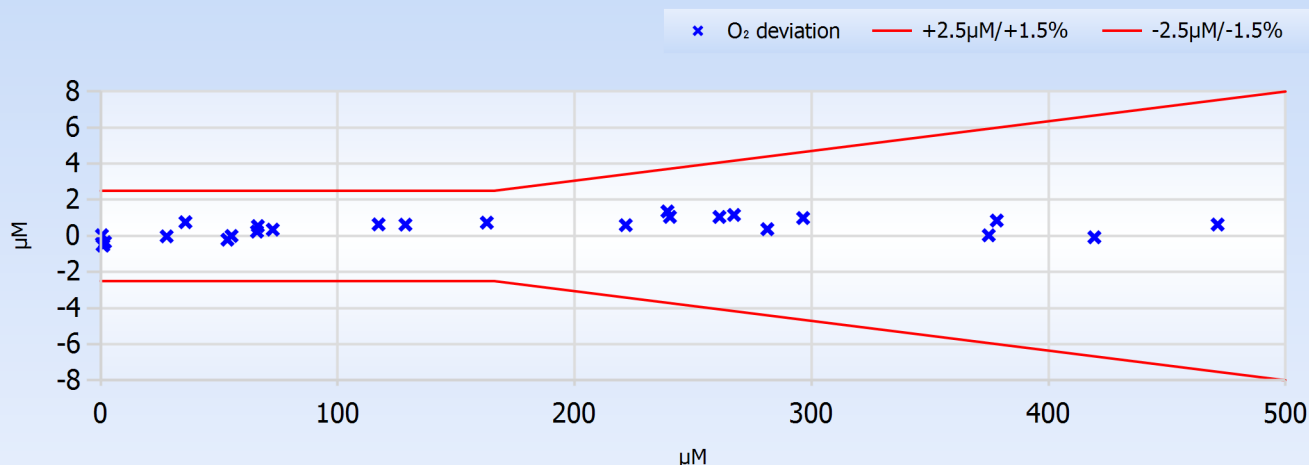
Temperature validation

With following settings

Index	0	1	2	3
PhaseCoef	0.00000E00	1.00000E00	0.00000E00	0.00000E00

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

Firmware Version	4.9.1

Date:20.11.2020

Tor-Ove Kvalvaag

Tor-Ove Kvalvaag, Calibration Engineer