CALIBRATION CERTIFICATE

Certificate no: 4831_125_00234395

Product: 4831

Serial no: 125

Foil batch no: 1206EM

Calibration date: 08.12.2024

Index	Temperature reference(°C)	[O2] Reference(µM)	Temperature raw data(mV)	Phase reading(°)
0	30.848	1.79	-153.040	59.62
1	20.353	1.07	179.793	60.55
2	10.255	0.18	504.713	61.31
3	0.866	-1.04	787.213	61.94
4	0.916	18.04	785.820	59.38
5	1.033	36.29	782.480	57.18
6	1.076	56.68	781.260	54.95
7	1.084	101.34	781.040	50.75
8	1.102	138.39	780.500	47.89
9	1.104	209.68	780.453	43.39
10	1.106	317.33	780.400	38.41
11	1.128	404.63	779.787	35.47
12	1.150	505.88	779.153	32.77
13	10.582	14.95	494.393	58.66
14	10.380	30.78	500.760	55.89
15	10.308	47.11	503.053	53.42
16	10.277	79.08	504.007	49.32
17	10.274	115.17	504.100	45.57
18	10.272	163.34	504.193	41.66
19	10.275	244.41	504.100	36.80
20	10.269	325.40	504.287	33.35
21	10.264	408.04	504.400	30.70
22	20.595	12.37	172.000	57.67
23	20.414	25.26	177.847	54.50
24	20.389	40.65	178.647	51.31
25	20.334	63.66	180.413	47.39
26	20.327	93.32	180.627	43.34
27	20.322	134.61	180.813	39.07
28	20.282	195.03	182.107	34.66
29	20.260	260.10	182.800	31.29
30	20.255	326.60	183.000	28.75
31	30.348	10.47	-137.707	56.63
32	30.378	20.75	-138.640	53.19
33	30.389	33.09	-138.953	49.81
34	30.402	53.89	-139.380	45.23
35	30.412	74.48	-139.660	41.69
36	30.433	108.88	-140.320	37.25
37	30.450	161.66	-140.833	32.55
38	30.465	211.89	-141.287	29.48
39	30.469	267.09	-141.400	27.05

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Form No 830, March 2021

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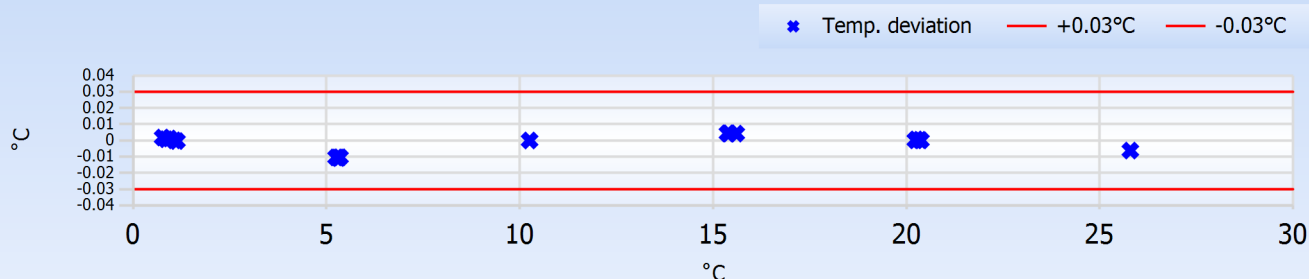## Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	2.74722E-03	1.13601E-04	2.82305E-06	2.52463E02	-2.06076E-01	-6.13203E01	5.14941E00
TempCoef	2.59414E01	-3.14890E-02	3.07889E-06	-4.49561E-09	0.00000E00	0.00000E00	

Oxygen validation
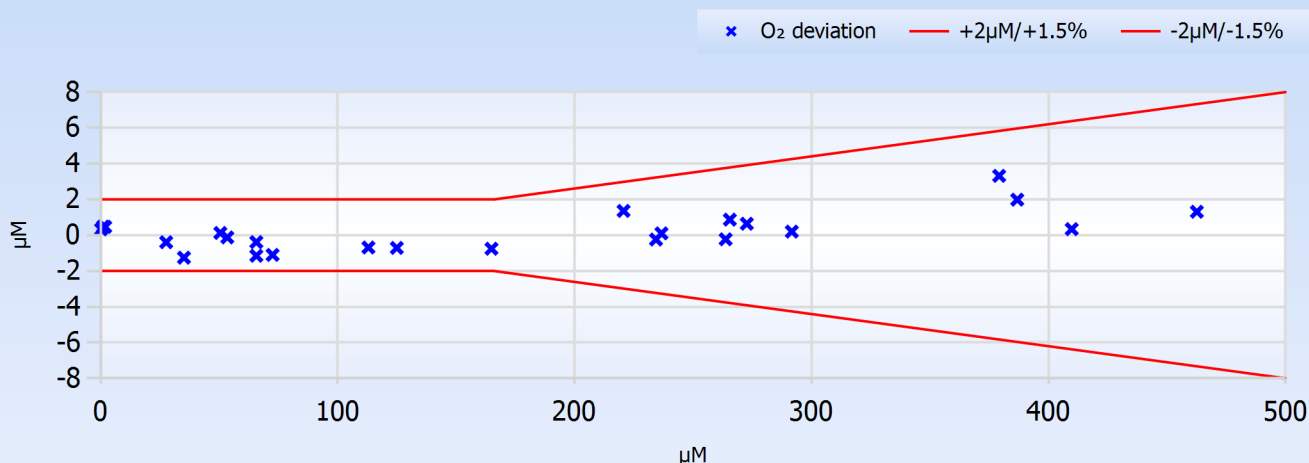
Temperature validation

With following settings

Index	0	1	2	3
PhaseCoef	-9.21000E-01	1.00000E00	0.00000E00	0.00000E00

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

Firmware Version	5.3.1

Date:08.12.2024

Tor-Ove Kvalvaag

Tor-Ove Kvalvaag, Calibration Engineer