

Certificate no: 4831_459_00162190
Foil batch no: 1206EM

Product: 4831
Calibration date: 09.10.2019

Serial no: 459
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Index	Temperature reference(°C)	[O2] Reference(μM)	Temperature raw data(mV)	Phase reading(°)
0	30.162	1.38	-288.793	59.86
1	19.943	0.60	25.820	60.91
2	10.199	-0.15	341.593	61.69
3	0.839	-1.15	637.460	62.36
4	0.857	19.97	636.907	59.64
5	0.871	41.22	636.480	57.24
6	0.883	62.99	636.120	55.02
7	0.898	107.61	635.653	51.08
8	0.906	148.24	635.413	48.08
9	0.913	214.87	635.200	44.03
10	0.917	324.77	635.067	39.06
11	0.918	426.39	635.020	35.68
12	0.918	535.13	635.007	32.91
13	10.563	14.38	329.787	58.77
14	10.463	32.16	333.000	55.88
15	10.389	48.95	335.400	53.49
16	10.326	82.21	337.453	49.45
17	10.277	114.41	339.053	46.23
18	10.231	164.58	340.533	42.21
19	10.198	250.17	341.613	37.19
20	10.173	332.03	342.400	33.76
21	10.152	414.42	343.080	31.15
22	20.308	11.81	14.147	57.65
23	20.244	25.44	16.180	54.59
24	20.199	39.84	17.593	51.80
25	20.163	65.42	18.800	47.65
26	20.134	92.13	19.673	44.17
27	20.111	132.38	20.447	40.06
28	20.082	195.67	21.347	35.39
29	20.065	267.73	21.887	31.69
30	20.051	335.01	22.353	29.17
31	30.036	10.15	-285.100	56.52
32	30.046	21.07	-285.360	53.27
33	30.063	32.30	-285.867	50.43
34	30.080	53.90	-286.380	45.90
35	30.110	76.18	-287.267	42.27
36	30.131	107.65	-287.853	38.28
37	30.166	160.48	-288.907	33.54
38	30.180	218.84	-289.287	29.98
39	30.193	274.51	-289.700	27.56

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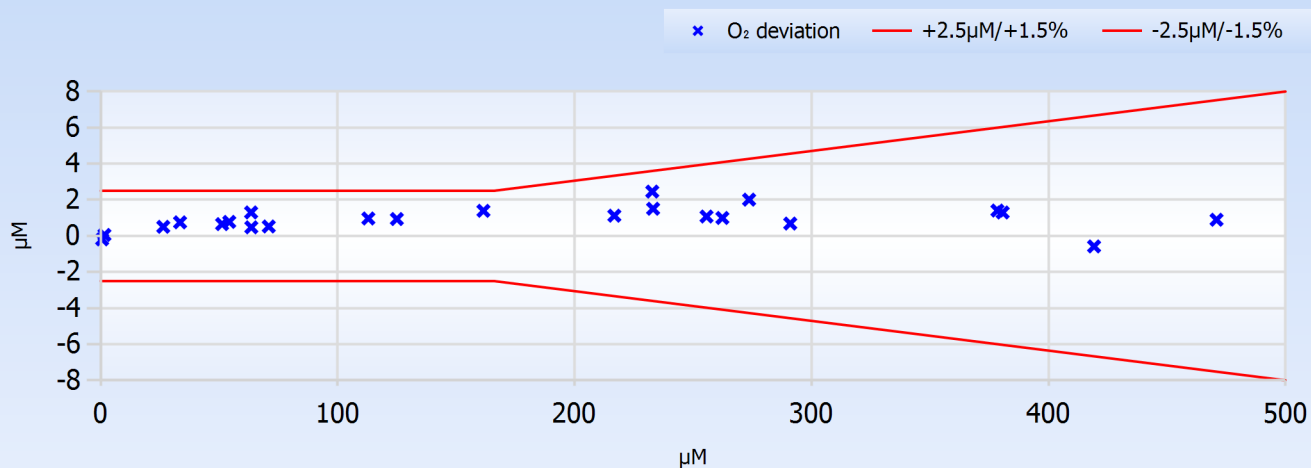
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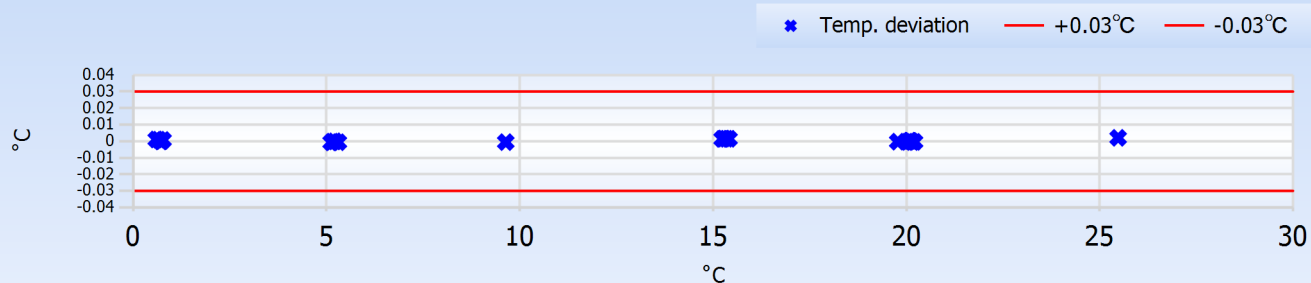
Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	2.59565E-03	1.13626E-04	2.12668E-06	1.78543E02	-2.51007E-01	-4.55451E01	3.59836E00
TempCoef	2.07513E01	-3.14013E-02	2.90639E-06	-4.15589E-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	

Date:09.10.2019

Tor-Ove Kvalvaag
Tor-Ove Kvalvaag, Calibration Engineer