CALIBRATION CERTIFICATE

Form No 830, Juli 2012

Certificate no: 4831_681_00155904
Foil batch no: 1713FM

Product: 4831
Calibration date: 24.02.2019

Serial no: 681

| Index	Temperature reference(°C)	[O2] Reference(µM)	Temperature raw data(mV)	Phase reading(°)
0	30.021	2.07	-225.760	62.73
1	20.183	2.10	79.960	63.55
2	10.178	2.24	402.240	64.31
3	0.838	2.68	691.353	64.97
4	0.886	21.32	689.920	61.85
5	0.937	44.57	688.413	58.44
6	0.971	67.40	687.400	55.53
7	0.997	110.83	686.660	50.92
8	1.015	154.69	686.133	47.20
9	1.036	220.74	685.493	42.83
10	1.048	331.96	685.133	37.58
11	1.058	439.52	684.827	34.02
12	1.067	552.25	684.600	31.26
13	10.388	17.04	395.500	60.68
14	10.345	34.87	396.893	57.03
15	10.312	51.95	397.913	54.04
16	10.290	86.60	398.627	49.08
17	10.273	120.30	399.173	45.31
18	10.258	172.77	399.647	40.83
19	10.247	257.15	400.013	35.77
20	10.241	345.07	400.200	32.17
21	10.240	428.37	400.253	29.67
22	20.420	13.74	72.387	59.53
23	20.369	27.85	74.020	55.57
24	20.341	42.01	74.907	52.25
25	20.317	69.21	75.660	47.15
26	20.303	97.99	76.133	43.05
27	20.289	138.72	76.567	38.72
28	20.280	211.04	76.847	33.49
29	20.274	277.80	77.033	30.27
30	20.270	345.63	77.200	27.90
31	30.347	11.46	-235.420	58.30
32	30.341	23.45	-235.247	53.97
33	30.350	34.83	-235.493	50.59
34	30.364	57.07	-235.933	45.36
35	30.373	80.30	-236.207	41.28
36	30.383	114.88	-236.493	36.82
37	30.398	169.91	-236.920	32.07
38	30.404	229.64	-237.120	28.69
39	30.411	287.83	-237.300	26.38

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Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	3.31781E-03	1.45789E-04	2.45218E-06	2.13025E02	-2.44882E-01	-4.52224E01	4.10327E00
TempCoef	2.26932E01	-3.15971E-02	2.88867E-06	-4.20698E-09	0.00000E00	0.00000E00	

Oxygen validation
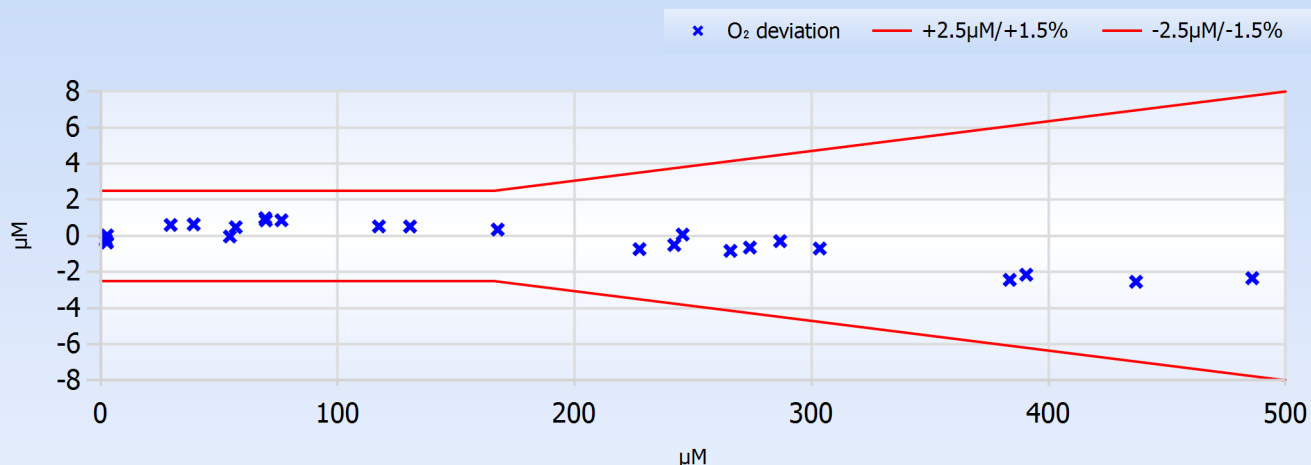
Temperature validation
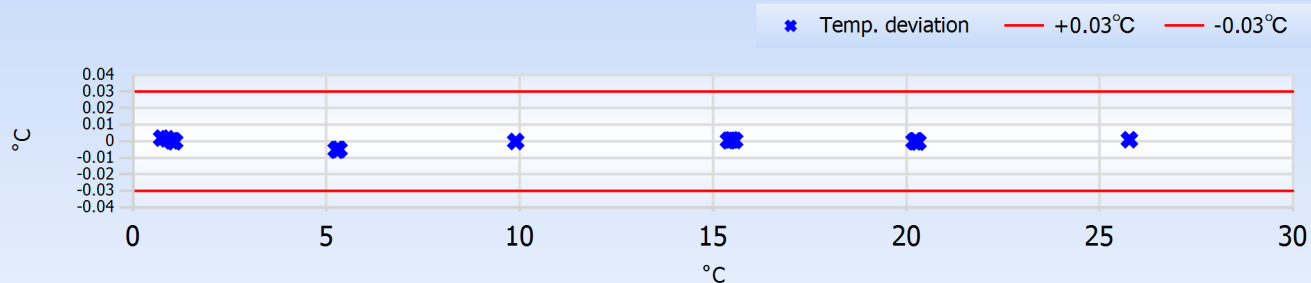
With following settings

Index	0	1	2	3
PhaseCoef	-2.47000E00	1.00000E00	0.00000E00	0.00000E00

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

Date:24.02.2019

Vidar Selsvik, Production Engineer