

Certificate no: 4831\_602\_00116394  
Foil batch no: 1517M

Product: 4831  
Calibration date: 06.03.2016

Serial no: 602  
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Index	Temperature reference(°C)	[O2] Reference(μM)	Temperature raw data(mV)	Phase reading(°)
0	30.249	0.85	-143.455	60.84
1	19.726	0.04	191.855	61.96
2	9.823	-0.02	511.220	62.75
3	0.660	0.51	787.685	63.41
4	0.639	19.49	788.290	60.91
5	0.637	41.82	788.355	58.25
6	0.628	61.87	788.600	56.10
7	0.627	104.15	788.600	52.18
8	0.617	145.58	788.895	48.98
9	0.610	216.73	789.100	44.55
10	0.605	323.31	789.230	39.66
11	0.605	429.46	789.230	36.09
12	0.606	529.44	789.200	33.51
13	10.038	13.08	504.435	60.27
14	9.995	32.28	505.800	57.00
15	9.957	48.71	507.005	54.53
16	9.932	82.25	507.805	50.28
17	9.915	115.36	508.340	46.86
18	9.901	171.19	508.765	42.33
19	9.895	255.50	508.955	37.41
20	9.889	336.78	509.130	34.03
21	9.885	417.98	509.280	31.47
22	19.900	10.09	186.195	59.26
23	19.844	25.70	188.005	55.57
24	19.794	38.43	189.630	52.97
25	19.758	65.68	190.810	48.36
26	19.736	91.71	191.520	44.84
27	19.710	135.31	192.360	40.30
28	19.695	199.95	192.835	35.57
29	19.692	268.68	192.925	32.05
30	19.690	337.76	193.000	29.48
31	30.021	8.19	-136.460	58.17
32	30.046	20.71	-137.205	54.20
33	30.065	31.46	-137.805	51.28
34	30.084	53.48	-138.380	46.42
35	30.094	74.57	-138.690	42.80
36	30.103	109.50	-138.980	38.27
37	30.123	162.32	-139.590	33.57
38	30.133	217.66	-139.890	30.22
39	30.142	273.71	-140.180	27.80

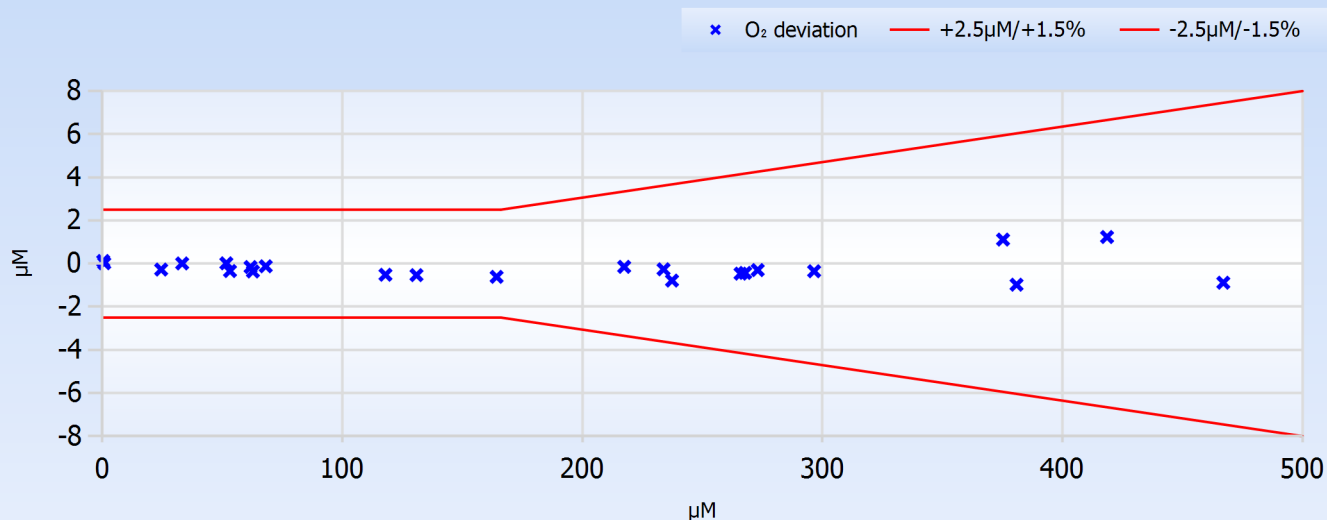
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Index	0	1	2	3	4	5	6
SVUFoilCoef	2.71498E-03	1.16562E-04	2.34219E-06	2.28696E02	-3.49028E-01	-5.98314E01	4.53985E00
TempCoef	2.56679E01	-3.13981E-02	3.07571E-06	-4.47053E-09	0.00000E00	0.00000E00	

### Oxygen validation



### Temperature validation



Date:06.03.2016

*Tor-Ove Kvalvaag*  
Tor-Ove Kvalvaag, Calibration Engineer

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Serial no: 603  
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Index	Temperature reference(°C)	[O2] Reference(μM)	Temperature raw data(mV)	Phase reading(°)
0	30.249	0.85	-106.790	60.96
1	19.726	0.04	222.820	62.09
2	9.823	-0.02	534.280	62.85
3	0.660	0.51	802.730	63.53
4	0.639	19.49	803.310	60.98
5	0.637	41.82	803.385	58.27
6	0.628	61.87	803.600	56.09
7	0.627	104.15	803.625	52.12
8	0.617	145.58	803.905	48.89
9	0.610	216.73	804.100	44.43
10	0.605	323.31	804.220	39.51
11	0.605	429.46	804.210	35.95
12	0.606	529.44	804.200	33.38
13	10.038	13.08	527.630	60.33
14	9.995	32.28	528.975	57.02
15	9.957	48.71	530.145	54.53
16	9.932	82.25	530.925	50.24
17	9.915	115.36	531.450	46.80
18	9.901	171.19	531.875	42.25
19	9.895	255.50	532.070	37.30
20	9.889	336.78	532.235	33.93
21	9.885	417.98	532.375	31.37
22	19.900	10.09	217.240	59.34
23	19.844	25.70	219.015	55.60
24	19.794	38.43	220.615	52.96
25	19.758	65.68	221.780	48.30
26	19.736	91.71	222.470	44.76
27	19.710	135.31	223.275	40.20
28	19.695	199.95	223.800	35.46
29	19.692	268.68	223.900	31.95
30	19.690	337.76	223.900	29.39
31	30.021	8.19	-99.900	58.27
32	30.046	20.71	-100.635	54.22
33	30.065	31.46	-101.200	51.26
34	30.084	53.48	-101.790	46.37
35	30.094	74.57	-102.105	42.73
36	30.103	109.50	-102.385	38.18
37	30.123	162.32	-102.995	33.47
38	30.133	217.66	-103.305	30.14
39	30.142	273.71	-103.585	27.70

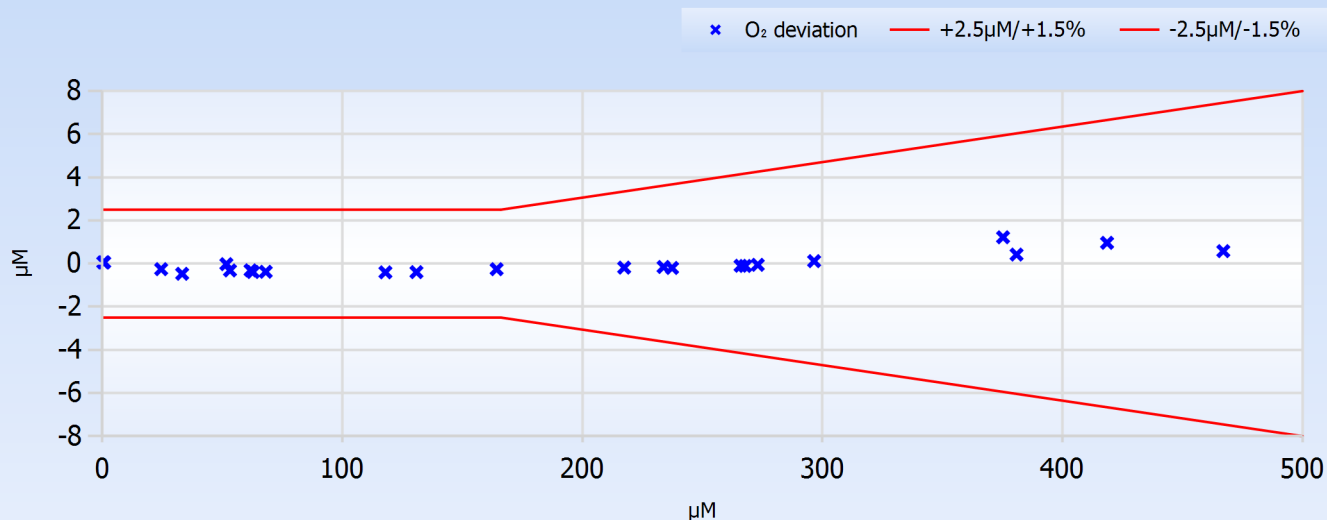
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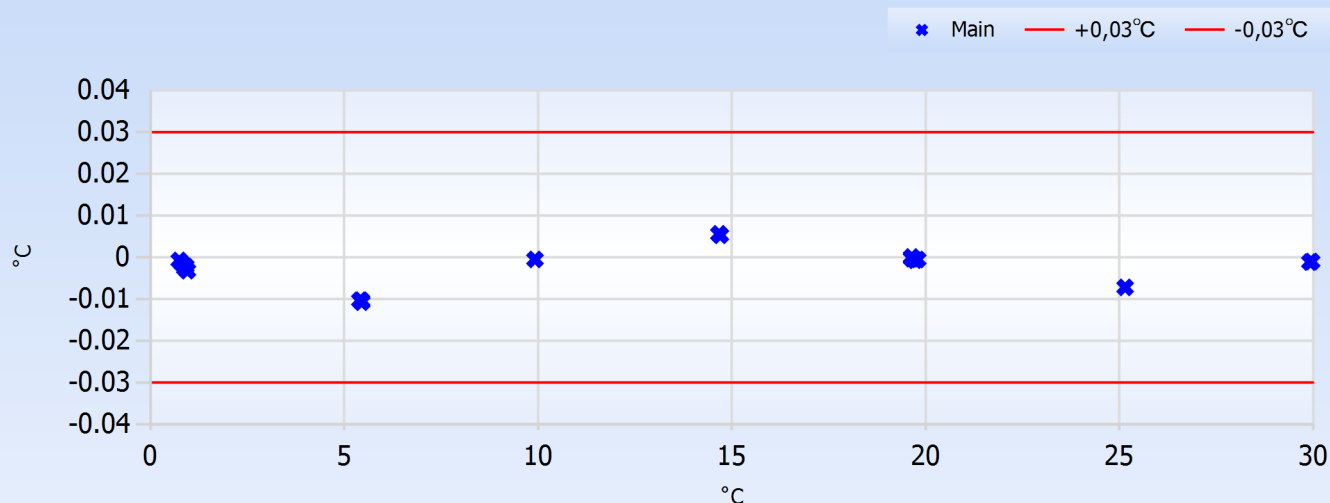
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Index	0	1	2	3	4	5	6
SVUFoilCoef	2.76285E-03	1.17289E-04	2.41672E-06	2.28876E02	-3.44742E-01	-6.00292E01	4.53803E00
TempCoef	2.67748E01	-3.21272E-02	3.23241E-06	-4.65670E-09	0.00000E00	0.00000E00	

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