



a xylem brand

# CALIBRATION CERTIFICATE

Form No 830, March 2021

Certificate no: 4831\_459\_00222038  
Foil batch no: 1206EM

Product: 4831  
Calibration date: 07.12.2023

Serial no: 459  
Page 1 of 2

Index	Temperature reference(°C)	[O2] Reference(μM)	Temperature raw data(mV)	Phase reading(°)
0	30.202	1.04	-290.247	59.89
1	20.378	0.57	11.673	60.74
2	10.340	0.27	336.813	61.49
3	0.900	0.14	635.473	62.10
4	0.993	20.12	632.633	59.60
5	1.194	38.43	626.487	57.50
6	1.270	59.20	624.173	55.32
7	1.284	106.12	623.720	51.14
8	1.332	141.76	622.267	48.40
9	1.345	212.98	621.853	44.00
10	1.356	315.55	621.520	39.25
11	1.368	409.92	621.167	35.97
12	1.366	510.34	621.207	33.26
13	10.795	14.02	322.040	58.84
14	10.565	30.95	329.520	56.21
15	10.485	47.33	332.100	53.87
16	10.449	79.90	333.273	49.86
17	10.441	117.22	333.513	46.09
18	10.407	164.66	334.613	42.29
19	10.394	245.86	335.060	37.44
20	10.403	327.03	334.800	33.92
21	10.409	408.83	334.593	31.25
22	20.617	10.75	4.047	58.02
23	20.432	25.07	9.920	54.88
24	20.411	39.74	10.600	52.04
25	20.369	64.62	11.933	47.97
26	20.366	94.53	12.020	44.05
27	20.363	135.89	12.100	39.86
28	20.354	198.00	12.400	35.28
29	20.359	263.08	12.207	31.86
30	20.363	330.65	12.107	29.25
31	30.341	9.27	-294.273	56.99
32	30.346	21.06	-294.440	53.55
33	30.357	33.37	-294.760	50.43
34	30.367	55.64	-295.060	45.82
35	30.377	77.00	-295.313	42.32
36	30.397	111.31	-295.940	37.98
37	30.405	166.04	-296.133	33.18
38	30.430	218.53	-296.900	30.00
39	30.446	275.77	-297.400	27.48

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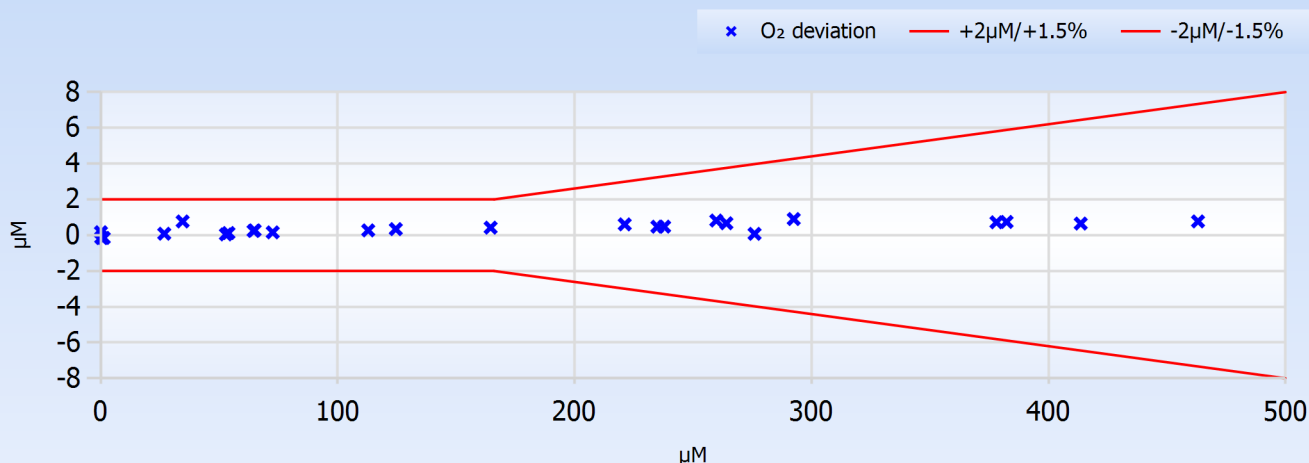
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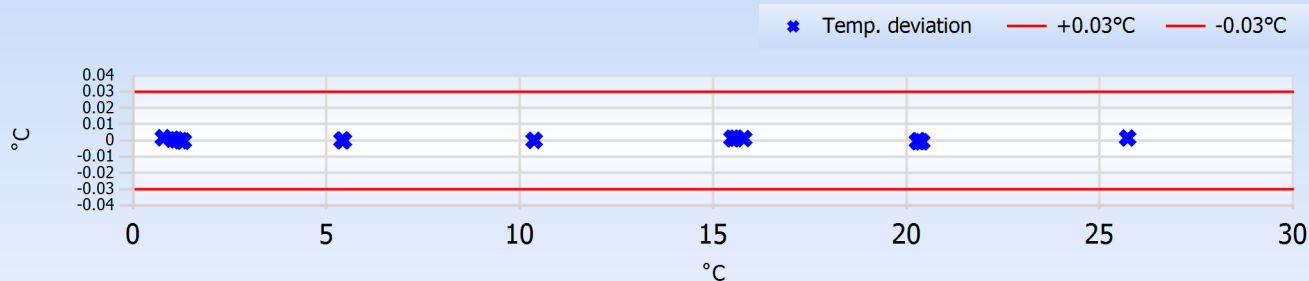
### Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	2.51287E-03	1.07735E-04	2.04637E-06	1.87491E-02	-2.48122E-01	-4.50239E-01	3.73822E-00
TempCoef	2.07429E-01	-3.13954E-02	2.91453E-06	-4.16452E-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	5.3.1
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Date:07.12.2023

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