



a xylem brand

CALIBRATION CERTIFICATE

Form No 830, March 2021

Certificate no: 4831_273_00221684
Foil batch no: 1206EM

Product: 4831
Calibration date: 29.11.2023

Serial no: 273
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Index	Temperature reference(°C)	[O2] Reference(μM)	Temperature raw data(mV)	Phase reading(°)
0	30.206	1.21	-262.547	58.86
1	20.241	0.51	52.560	59.84
2	10.226	0.21	383.360	60.60
3	0.869	0.11	681.220	61.25
4	0.910	20.30	679.960	58.93
5	0.996	38.51	677.367	57.00
6	1.023	59.41	676.533	55.00
7	1.022	107.02	676.587	51.03
8	1.034	142.47	676.200	48.52
9	1.037	218.18	676.113	44.11
10	1.051	314.34	675.700	39.83
11	1.066	410.76	675.233	36.61
12	1.096	512.36	674.320	33.91
13	10.665	13.88	368.880	58.27
14	10.429	30.90	376.660	55.75
15	10.339	47.51	379.633	53.54
16	10.305	79.79	380.727	49.81
17	10.302	117.50	380.800	46.21
18	10.280	164.65	381.547	42.59
19	10.262	245.75	382.167	37.91
20	10.262	325.72	382.147	34.52
21	10.263	407.17	382.127	31.89
22	20.586	10.82	41.287	57.35
23	20.380	25.06	48.007	54.41
24	20.354	40.30	48.867	51.64
25	20.297	64.36	50.720	47.94
26	20.286	93.06	51.087	44.34
27	20.295	134.95	50.760	40.22
28	20.291	196.54	50.920	35.79
29	20.267	261.55	51.700	32.44
30	20.245	327.94	52.400	29.91
31	30.329	9.46	-266.247	56.26
32	30.335	21.12	-266.433	53.04
33	30.347	33.16	-266.780	50.18
34	30.358	54.75	-267.140	45.91
35	30.373	76.95	-267.600	42.42
36	30.385	110.87	-267.953	38.30
37	30.392	164.62	-268.160	33.70
38	30.386	217.02	-268.000	30.55
39	30.361	272.62	-267.200	28.11

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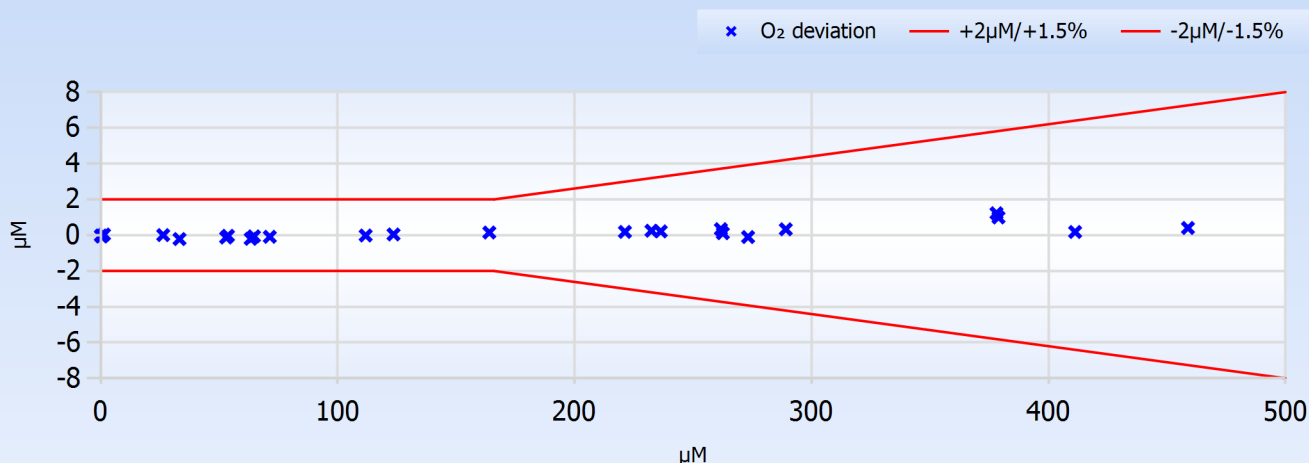
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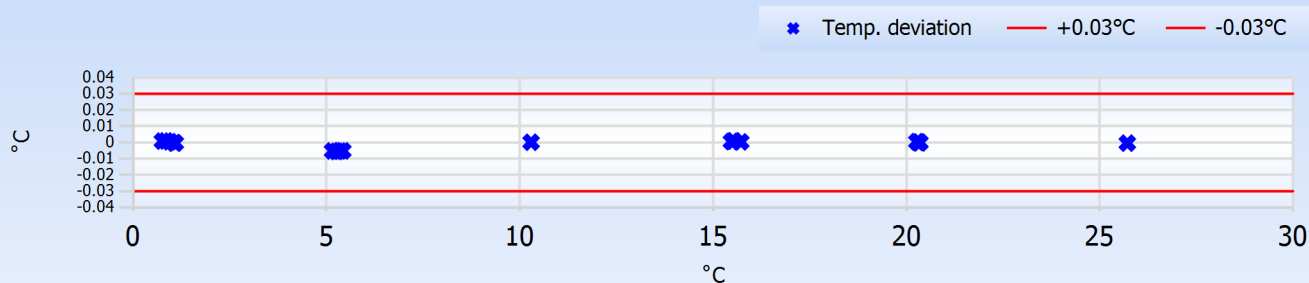
Giving these coefficients

Index	0	1	2	3	4	5	6
SVUFoilCoef	2.38606E-03	1.02490E-04	2.01010E-06	2.04710E02	-2.80428E-01	-5.26028E01	4.19450E00
TempCoef	2.18523E01	-3.07983E-02	2.80073E-06	-4.11789E-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:29.11.2023

Tor-Ove Kvalvaag
Tor-Ove Kvalvaag, Calibration Engineer