

Certificate no: 4831_125_00077856
Foil batch no: 1206EM

Product: 4831
Calibration date: 19.12.2012

Serial no: 125
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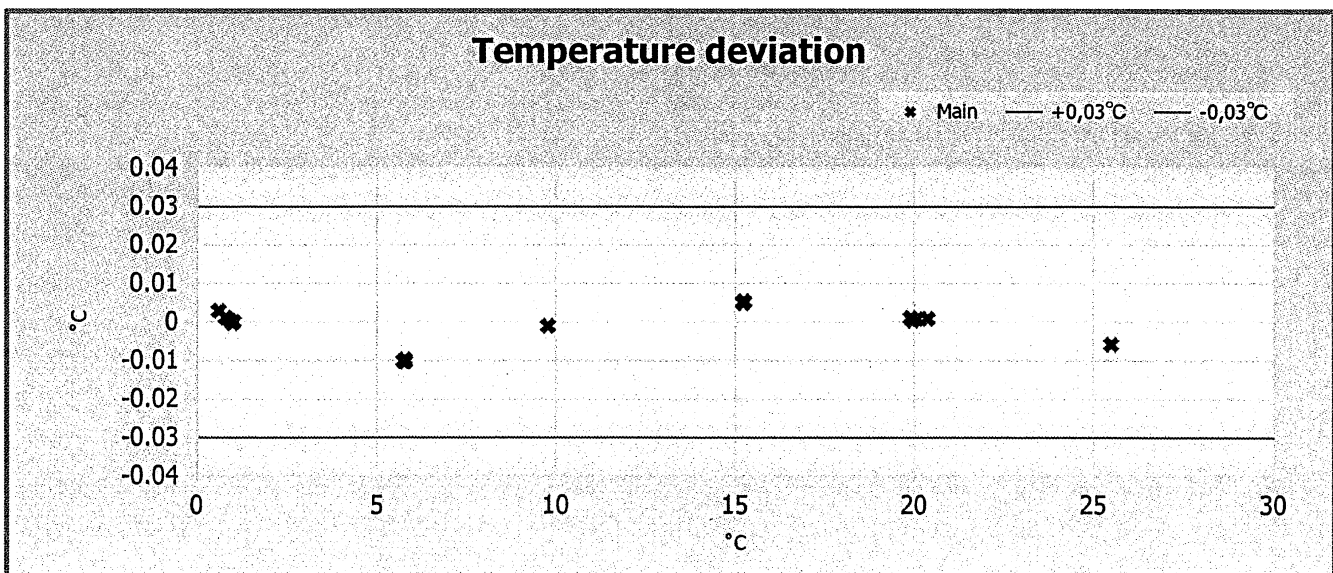
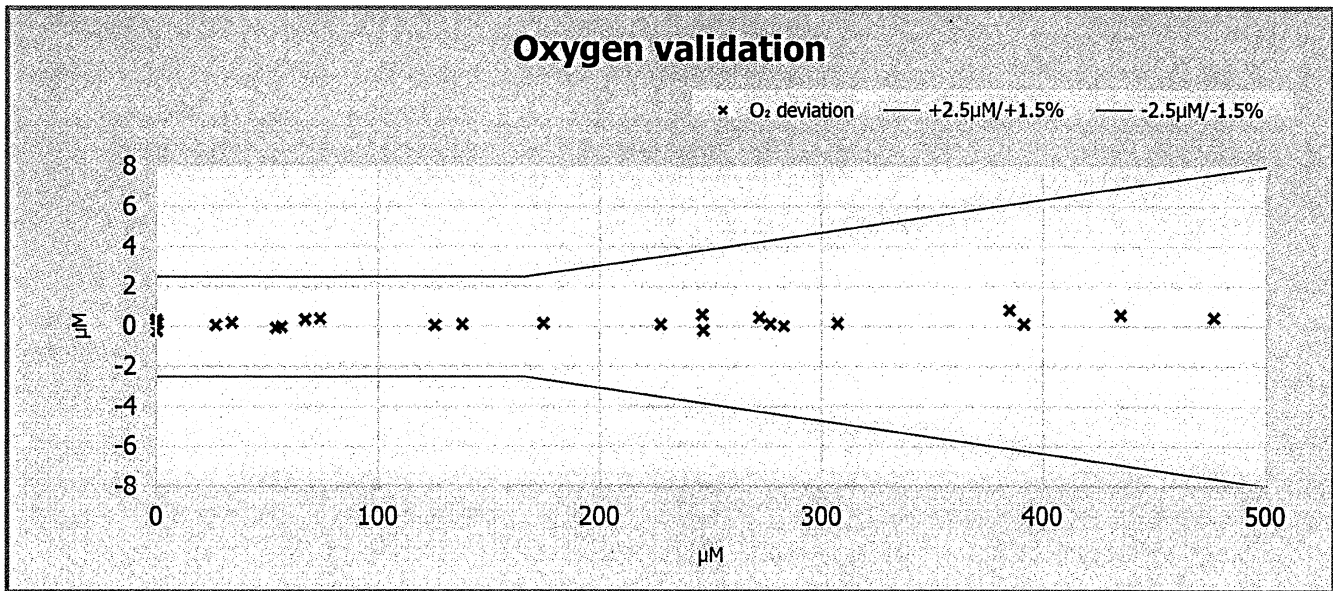
| Index | Temperature reference(°C) | [O2] Reference(µM) | Temperature raw data(mV) | Phase reading(°) |
|-------|---------------------------|--------------------|--------------------------|------------------|
| 0 | 30.411 | 0.95 | -134.011 | 60.71 |
| 1 | 20.153 | 0.20 | 192.099 | 61.63 |
| 2 | 9.827 | 0.07 | 524.024 | 62.40 |
| 3 | 0.603 | 0.38 | 800.570 | 63.03 |
| 4 | 0.804 | 19.47 | 794.889 | 60.39 |
| 5 | 0.905 | 41.34 | 792.031 | 57.66 |
| 6 | 0.973 | 61.78 | 790.124 | 55.38 |
| 7 | 1.024 | 103.29 | 788.655 | 51.37 |
| 8 | 1.059 | 145.15 | 787.675 | 48.00 |
| 9 | 1.093 | 219.02 | 786.695 | 43.27 |
| 10 | 1.110 | 322.73 | 786.216 | 38.40 |
| 11 | 1.120 | 429.76 | 785.918 | 34.74 |
| 12 | 1.127 | 529.84 | 785.729 | 32.12 |
| 13 | 10.678 | 14.29 | 497.229 | 59.51 |
| 14 | 10.606 | 31.81 | 499.518 | 56.43 |
| 15 | 10.542 | 48.29 | 501.553 | 53.88 |
| 16 | 10.494 | 82.22 | 503.059 | 49.45 |
| 17 | 10.466 | 113.93 | 503.970 | 46.08 |
| 18 | 10.448 | 175.16 | 504.504 | 41.02 |
| 19 | 10.439 | 257.50 | 504.818 | 36.18 |
| 20 | 10.429 | 341.25 | 505.112 | 32.66 |
| 21 | 10.435 | 414.46 | 504.918 | 30.32 |
| 22 | 20.384 | 11.76 | 184.596 | 58.47 |
| 23 | 20.320 | 25.00 | 186.674 | 55.27 |
| 24 | 20.270 | 39.14 | 188.303 | 52.32 |
| 25 | 20.233 | 65.34 | 189.492 | 47.77 |
| 26 | 20.156 | 94.63 | 191.973 | 43.78 |
| 27 | 20.138 | 140.82 | 192.567 | 39.00 |
| 28 | 20.128 | 205.73 | 192.893 | 34.28 |
| 29 | 20.122 | 272.72 | 193.073 | 30.87 |
| 30 | 20.107 | 336.54 | 193.563 | 28.45 |
| 31 | 30.370 | 9.71 | -132.761 | 57.52 |
| 32 | 30.365 | 20.80 | -132.604 | 53.96 |
| 33 | 30.366 | 31.67 | -132.636 | 50.95 |
| 34 | 30.369 | 53.78 | -132.750 | 45.99 |
| 35 | 30.381 | 75.74 | -133.102 | 42.13 |
| 36 | 30.380 | 116.38 | -133.074 | 36.94 |
| 37 | 30.379 | 171.22 | -133.036 | 32.22 |
| 38 | 30.379 | 226.68 | -133.041 | 28.92 |
| 39 | 30.378 | 278.22 | -133.014 | 26.71 |

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|-------------|-------------|--------------|--------------|--------------|--------------|-------------|------------|
| SUVFoilCoef | 2.72962E-03 | 1.14611E-04 | 2.21263E-06 | 2.33768E02 | -2.94251E-01 | -5.33864E01 | 4.55129E00 |
| TempCoef | 2.61210E01 | -3.15075E-02 | -3.14144E-06 | -4.49045E-09 | 0.00000E00 | 0.00000E00 | |



Date: 19.12.2012

Tor-Ove Kvalvaag
Tor-Ove Kvalvaag, Calibration Engineer