

Oxygen Optode Calibration Form

Control Number: XXXX-XXXXX

Version: X-XX

**2-POINT RECALIBRATION, MULTIPOINT CALIBRATED OXYGEN OPTODE**

|  |  |
| --- | --- |
| Optode Serial Number | 507 |
| Foil ID | 1517M |
| Calibration Date | 2021-06-09 |
| Optode Data File Name | 2021-06-09.log |
| Barometer Data File Name | 2021-06-09.CSV |

**Calibration Points**

|  |  |  |
| --- | --- | --- |
| **Index** | **Air-saturated water** | **Zero-oxygen water (Na2SO3)** |
| Phase (°) | 31.137 | 61.618 |
| Temperature (°C) | 19.53 | 21.36 |
| Air Pressure (hPa) | 1012 | 1012 |

**Calibration Results**

|  |  |  |
| --- | --- | --- |
| **Index** | **0 (Offset)** | **1 (Slope)** |
| ConcCoef | -1.1156E+00 | 1.0362E+00 |

**Last Multipoint Calibration**

|  |  |
| --- | --- |
| Multipoint Filename | DOSTA-D\_Optode-4831\_SN\_507\_Calibration\_Certificate\_2017-08-21.pdf |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Index** | **0** | **1** | **2** | **3** | **4** | **5** | **6** |
| SVUFoilCoef | 2.93844E-03 | 1.24890E-04 | 2.54960E-06 | 2.30313E+02 | -3.18224E-01 | -5.85885E+01 | 4.54589E+00 |
| PhaseCoef | 0.000000E+00 | 1.000000E+00 | 0.000000E+00 | 0.000000E+00 |  |  |  |
| TempCoef | 2.255779E+01 | -3.174876E-02 | 2.957940E-06 | -4.240855E-09 | 0.000000E+00 | 0.000000E+00 |  |
| Salinity (mS/cm) | 0.00 |  |  |  |  |  |  |

**Calibration Technician**

|  |  |  |
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| Andrew Reed  Name |  | June 9, 2021  Date |