

Certificate no: 225358

CALIBRATION CERTIFICATE

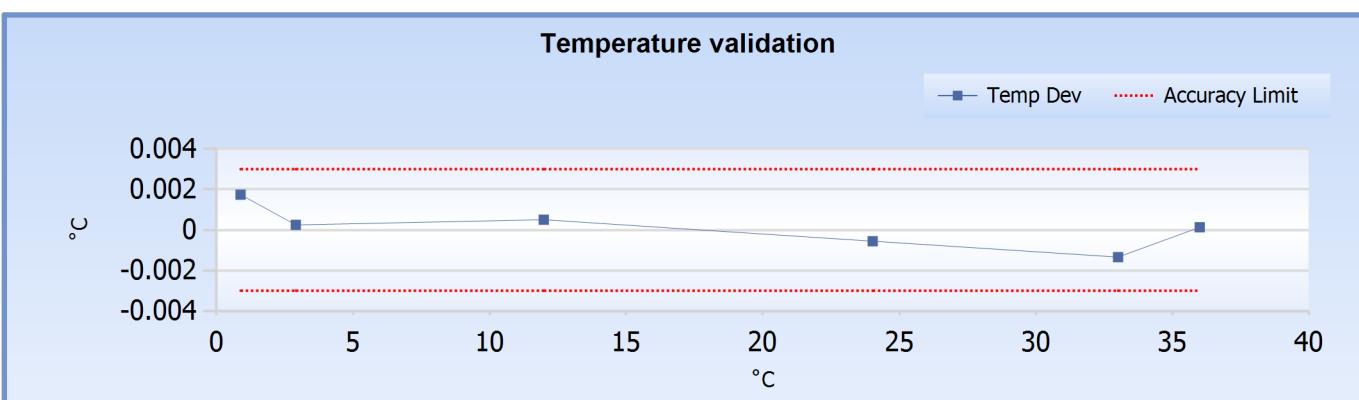
Form No 994, May 2022

Product: Conductivity Sensor 5819
 Serial no: 385
 Calibration date: 10.04.2024

This is to certify that this product has been calibrated and verified using the following reference equipment:

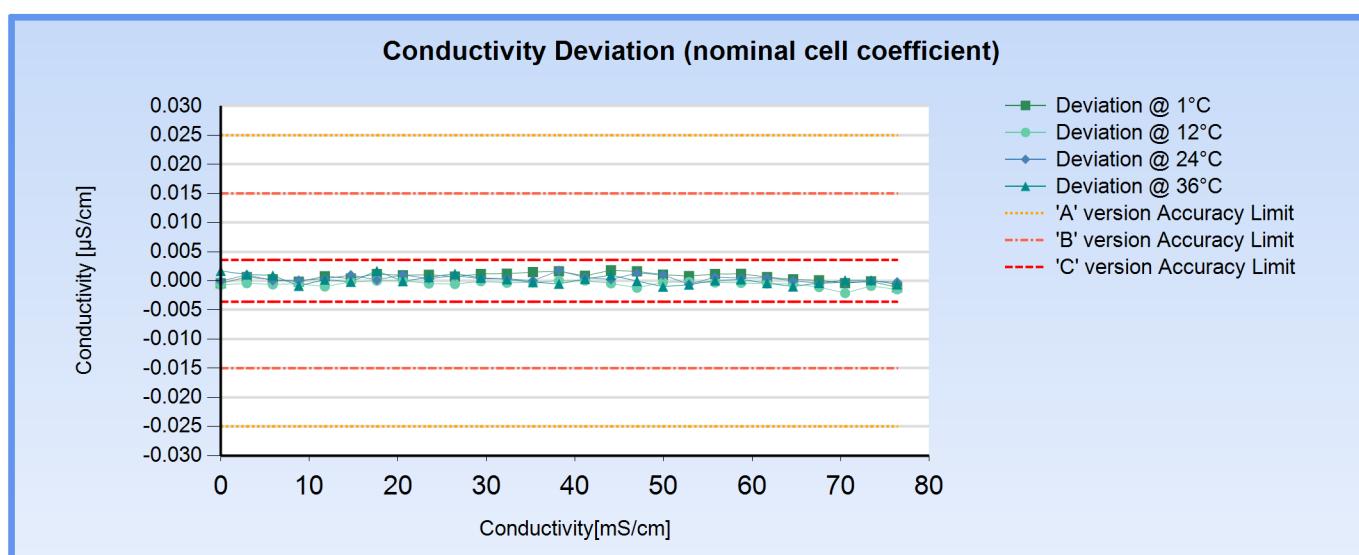
Reference Equipment	Serial
Guildline 5600A-50L	74030
Isotech microK 500	411255/1
Platinum Resistance Thermometer	909L/320
Aanderaa Active Loop	43

Temperature:



Calibration Points	0	1	2	3	4	5	6
Temperature Reference(Deg.C)	0.880	5.930	11.978	18.012	24.021	30.014	35.996
RawTemp(mV)	815.72	669.35	482.80	289.64	96.02	-93.00	-272.97
Calibration Coefficients	0	1	2	3	4	5	6
TempCoef	2.703945E+01	-3.167680E-02	2.910725E-06	-4.184872E-09	1.081151E-12	-1.284436E-15	

Conductance:



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Calibration Coefficients	0	1	2	3
CondR0Coef0	1.290664E+00	-6.734089E-03	-7.809969E-04	5.707902E-04
CondR0Coef1	1.328770E+00	-2.720758E-04	1.188717E-03	-3.285958E-03
CondR0Coef2	7.670611E-04	2.235180E-03	-4.384981E-03	1.837138E-03
CondR0Coef3	-2.072554E-04	-1.338730E-03	-8.967144E-04	3.721466E-03
CondR0Coef4	2.568130E-04	-2.508076E-03	5.707019E-03	-2.378094E-03
CondR1Coef0	3.101288E+00	-7.970960E-03	-8.244900E-04	-4.048785E-04
CondR1Coef1	1.330992E+00	-5.847361E-04	1.187784E-03	-2.589054E-03
CondR1Coef2	1.769886E-03	-9.055809E-04	-5.246213E-03	7.756305E-03
CondR1Coef3	-1.324063E-03	7.121643E-04	3.873389E-03	-5.044110E-03
CondR1Coef4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
CondR2Coef0	4.915730E+00	-9.397120E-03	-2.553948E-03	1.854238E-03
CondR2Coef1	1.332362E+00	-5.005668E-04	3.196993E-03	-3.782447E-03
CondR2Coef2	9.557252E-04	-2.546765E-05	-1.597294E-03	8.486297E-04
CondR2Coef3	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
CondR2Coef4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
CondR3Coef0	6.732976E+00	-9.604328E-03	-2.051758E-03	2.802262E-04
CondR3Coef1	1.334138E+00	1.576422E-04	-1.382200E-03	8.598154E-04
CondR3Coef2	1.477642E-03	-2.504124E-04	-3.069948E-04	7.728895E-04
CondR3Coef3	5.467555E-05	-4.695858E-04	4.049884E-03	-4.557583E-03
CondR3Coef4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
CondR4Coef0	8.553487E+00	-9.414292E-03	-2.859304E-03	8.252829E-04
CondR4Coef1	1.335838E+00	-6.100188E-04	3.999645E-03	-3.710002E-03
CondR4Coef2	7.471773E-04	4.261136E-04	2.105361E-03	-2.792687E-03
CondR4Coef3	-1.238820E-04	1.236735E-03	-5.870577E-03	4.124044E-03
CondR4Coef4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
CondR5Coef0	1.037777E+01	-9.280527E-03	-3.996358E-03	2.201280E-03
CondR5Coef1	1.337456E+00	1.463144E-03	4.936185E-04	-2.587470E-03
CondR5Coef2	8.214448E-04	-1.155710E-04	3.100354E-03	-2.882238E-03
CondR5Coef3	5.677160E-04	-1.999417E-03	-5.435661E-04	3.536351E-03
CondR5Coef4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
CondR6Coef0	1.220384E+01	-8.392035E-03	-2.827762E-03	8.413472E-04
CondR6Coef1	1.339664E+00	-6.655886E-04	-8.126014E-04	2.907228E-03
CondR6Coef2	1.183737E-03	-4.285060E-04	-6.684640E-04	1.213238E-03
CondR6Coef3	-1.234551E-04	2.015498E-03	-1.393157E-03	-2.343909E-03
CondR6Coef4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

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Form No 994, May 2022

Product: Conductivity Sensor 5819
 Serial no: 385
 Calibration date: 10.04.2024

Calibration Coefficients	0	1	2	3
CondR7Coef0	1.403453E+01	-7.440927E-03	-2.416174E-03	7.650708E-04
CondR7Coef1	1.340942E+00	-3.498957E-04	-1.370550E-04	2.557981E-03
CondR7Coef2	1.374060E-03	-9.863471E-05	-6.010337E-04	4.436889E-04
CondR7Coef3	6.910175E-04	2.015671E-03	-5.087209E-04	-3.664362E-03
CondR7Coef4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
CondR8Coef0	1.586395E+01	-5.874280E-03	-1.215422E-03	-7.165087E-05
CondR8Coef1	1.342630E+00	2.022749E-03	1.889842E-04	-5.422200E-04
CondR8Coef2	1.090830E-03	-3.490089E-04	-3.072773E-03	4.600917E-03
CondR8Coef3	6.048207E-04	-1.782618E-03	-7.615292E-05	-2.962971E-05
CondR8Coef4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00
CondR9Coef0	1.769595E+01	-4.262596E-03	-1.314545E-03	1.073205E-03
CondR9Coef1	1.345326E+00	-8.334530E-04	-1.045344E-02	1.588634E-02
CondR9Coef2	1.339948E-03	-4.169003E-04	-5.752577E-03	7.162516E-03
CondR9Coef3	-1.477027E-03	4.014959E-03	2.392444E-02	-3.390393E-02
CondR9Coef4	0.000000E+00	0.000000E+00	0.000000E+00	0.000000E+00

Date:10.04.2024

Tor-Ove Kvalvaag, Calibration Engineer

Certificate no:
Conductivity Sensor 5819_385_225853

Product: Conductivity Sensor 5819C
Serial no: 385
Calibration date: 24.04.2024

This is to certify that this product has been calibrated and verified using the following reference equipment:

Reference Equipment	Serial
Guildline Autosal 8400B	67517
Isotech MicroK 500	411255-1

Conductivity:

Conductance Reading [mS]
11.3742

Reference Reading [mS/cm]
52.3372

Conductance Calibration correction
Residual (mS/cm)
Session ID

Calibration Coefficient
CellCoef

Date:24.04.2024

Tor-Ove Kvalvaag, Calibration Engineer