



CERTIFICATE OF CALIBRATION

Type no.: AFI5-AD32.40\$6.1113/9316_8179_Q003
Serial no.: U152.27.X-1389-5231
Date: 08-04-2026 13:17:49
Tag:

Cell Constant 8,82 1/cm
Tolerance $\pm 1.0\%$ FSR , 0 ... 1 mS/cm to 0 ... 500 mS/cm
 $\pm 1.5\%$ FSR , 0 ... 1000 mS/cm
 $\pm 1.5\%$ FSR , 0 ... 500 μ S/cm

After finishing the production process, this sensor has been tested to ensure the highest quality. The sensor has been tested in 13 points, the results are printed below.

Measurements:

Reference Resistor [Ohm]	Norminal Conductivity [mS/cm]	Measured Conductivity [mS/cm]	Max Allowed Error [mS/cm]	Error [mS/cm]
95147,57	0,093	0,095	0,008	0,0026
58216,08	0,152	0,153	0,008	0,0017
9950,41	0,886	0,889	0,010	0,0030
1499,16	5,883	5,884	0,100	0,0008
999,77	8,822	8,827	0,100	0,0053
500,00	17,640	17,649	0,200	0,0090
300,09	29,391	29,380	0,300	-0,0115
180,17	48,953	48,995	0,500	0,0420
120,08	73,453	73,516	1,000	0,0629
80,14	110,061	110,012	2,000	-0,0487
50,17	175,797	175,814	2,000	0,0166
16,12	547,242	549,616	15,000	2,3739
10,13	870,935	871,384	15,000	0,4486

Calibrated by: Baumer A/S

(Valid without signature /gültig ohne Unterschrift / valable sans signature)

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