



CERTIFICATE OF CALIBRATION

Type no.: AFI5-AA12.40\$6.1310/9316_8179
Serial no.: U165.27.X-1393-5445
Date: 20-04-2026 12:07:53
Tag:

Cell Constant 8,78 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]
95150,79	0,092	0,094	0,008	0,0020
58216,73	0,151	0,152	0,008	0,0013
9950,34	0,882	0,884	0,010	0,0013
999,77	8,782	8,771	0,100	-0,0106
999,77	8,782	8,772	0,100	-0,0096
500,01	17,560	17,566	0,200	0,0068
210,19	41,771	41,727	0,500	-0,0444
180,19	48,726	48,722	0,500	-0,0039
100,14	87,676	87,712	1,000	0,0366
40,17	218,594	218,301	5,000	-0,2931
40,17	218,594	219,803	5,000	1,2091
16,14	544,020	546,081	15,000	2,0606
10,15	865,225	866,442	15,000	1,2165

Calibrated by: Baumer A/S

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

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