



CERTIFICATE OF CALIBRATION

Type no.: AFI5-AA13.40\$6.1310/9316_8179
Serial no.: U215.27.X-1414-3948
Date: 20-05-2026 11:57:08
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]
95149,63	0,092	0,096	0,008	0,0039
58216,48	0,151	0,155	0,008	0,0045
9950,49	0,882	0,883	0,010	0,0011
999,77	8,782	8,767	0,100	-0,0146
999,77	8,782	8,785	0,100	0,0028
500,01	17,560	17,569	0,200	0,0090
210,18	41,774	41,739	0,500	-0,0343
180,18	48,730	48,717	0,500	-0,0123
100,12	87,691	87,713	1,000	0,0228
40,15	218,676	217,619	5,000	-1,0567
40,15	218,676	219,394	5,000	0,7179
16,12	544,657	545,585	15,000	0,9286
10,13	866,671	866,458	15,000	-0,2131

Calibrated by: Baumer A/S

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

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