



CERTIFICATE OF CALIBRATION

Type no.: AFI5-AA13.40\$6.1310/9316_8179
Serial no.: U261.27.X-1425-9799
Date: 29-06-2026 08:56:19
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]
95151,31	0,092	0,094	0,008	0,0021
58216,95	0,151	0,153	0,008	0,0024
9950,29	0,882	0,884	0,010	0,0018
999,77	8,782	8,776	0,100	-0,0064
999,77	8,782	8,786	0,100	0,0042
500,01	17,560	17,566	0,200	0,0060
210,20	41,771	41,762	0,500	-0,0088
180,19	48,725	48,721	0,500	-0,0036
100,15	87,672	87,694	1,000	0,0220
40,17	218,573	218,639	5,000	0,0663
40,17	218,573	219,548	5,000	0,9752
16,14	543,859	544,852	15,000	0,9931
10,15	864,827	866,490	15,000	1,6636

Calibrated by: Baumer A/S

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

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