



CERTIFICATE OF CALIBRATION

Type no.: AFI4-5D30.40\$6.1113/9316_8179_Q003
Serial no.: U153.27.X-1389-5253
Date: 08-04-2026 09:23:35
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]
96574,39	0,091	0,092	0,008	0,0010
58746,01	0,150	0,151	0,008	0,0006
9966,22	0,885	0,885	0,010	-0,0004
1499,67	5,881	5,872	0,100	-0,0090
999,91	8,821	8,827	0,100	0,0059
500,09	17,637	17,648	0,200	0,0107
300,17	29,383	29,380	0,300	-0,0036
180,16	48,957	48,991	0,500	0,0341
120,19	73,384	73,444	1,000	0,0605
80,21	109,958	109,908	2,000	-0,0496
50,19	175,722	176,005	2,000	0,2833
16,15	546,017	547,054	15,000	1,0364
10,15	869,049	869,633	15,000	0,5848

Calibrated by: Baumer A/S

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

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