



CERTIFICATE OF CALIBRATION

Type no.: AFI5-AD32.40\$6.1113/9316_8179_Q003
Serial no.: U152.27.X-1389-5230
Date: 08-04-2026 13:09:34
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]
96392,43	0,092	0,094	0,008	0,0023
58674,00	0,150	0,153	0,008	0,0023
9963,33	0,885	0,886	0,010	0,0009
1499,63	5,881	5,879	0,100	-0,0024
999,95	8,820	8,825	0,100	0,0042
500,09	17,637	17,644	0,200	0,0074
300,16	29,384	29,388	0,300	0,0043
180,23	48,936	48,978	0,500	0,0423
120,22	73,368	73,419	1,000	0,0512
80,24	109,919	109,879	2,000	-0,0403
50,21	175,672	175,328	2,000	-0,3438
16,14	546,493	546,816	15,000	0,3225
10,15	868,626	872,689	15,000	4,0633

Calibrated by: Baumer A/S

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

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