



CERTIFICATE OF CALIBRATION

Type no.: AFI5-AA13.40\$6.1110/9316_8179
Serial no.: U233.27.X-1420-2223
Date: 02-06-2026 15:53:20
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]
95149,80	0,093	0,096	0,008	0,0038
58216,02	0,152	0,154	0,008	0,0024
9950,44	0,886	0,891	0,010	0,0042
999,77	8,822	8,811	0,100	-0,0110
999,77	8,822	8,822	0,100	-0,0004
500,00	17,640	17,650	0,200	0,0106
210,18	41,964	41,896	0,500	-0,0682
180,18	48,952	48,928	0,500	-0,0233
100,13	88,089	88,141	1,000	0,0522
40,15	219,666	218,730	5,000	-0,9361
40,15	219,666	220,808	5,000	1,1420
16,12	547,083	549,444	15,000	2,3607
10,13	870,471	869,929	15,000	-0,5424

Calibrated by: Baumer A/S

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

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