

Instrument calibration sheet

Certificate N°	000040/2021	Date of issue	13.12.21
Client	ENEL Produzione	Work order	8000000591

Instrument specification

Type	Conductivity meter	Manufacturer	Endress-Hauser	Serial number	E3087205G00
Min capacity	0	Max capacity	14000	Model	Liquiline CM442
Readability At 0	1	Readability	1	Unit of measure	µS/cm
Description	C1 Itar Conductivity meter			Next Calibration	28.12.21

Test ambient conditions

Location	ENEL - C1 Itar			Date of test	13.12.21	00:00
Temperature	24,5	Humidity	84	Pressure	1020hPa	

Standard certificates used

Name	Number	Issuer	Date of issue
Conductivity	18L93	Hanna Instruments	27.07.20

Calibration summary

Test	Certificate name	Uncertainty	Temperature	Humidity	Pressure
Repeatability	Conductivity	0,532291µS/cm	243	78	1020
Linearity	Conductivity	0,974761µS/cm	24,3°C	78%	1020hPa
				Expanded uncertainty	1,949521µS/cm

Notes

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Repeatability

Measure	Nominal value	Conventional value	Read value	Deviation
1	1413	1412	1412	0
2	1413	1412	1413	1
3	1413	1412	1413	1
4	1413	1412	1413	1
5	1413	1412	1413	1

Standard reference

Serial	Uncertainty	OIML
51100533	0,01	
51100533	0,01	
51100533	0,01	
51100533	0,01	
51100533	0,01	

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Linearity

Measure	Nominal value	Conventional value	Read value	Error	Uncertainty of error	Standard reference	
						Uncertainty	OIML
1	84	83,5	84,1	0,599998	0,974761	0,01	
2	1413	1412	1412	0	0,974761	0,01	
3	12880	12892	12880	-12	0,974761	0,01	

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