

Products

- [Anemometers](#)
- [Barometers](#)
- [Battery Tester](#)
- [Calculators](#)
- [Calipers](#)
- [Carts](#)
- [Clamps](#)
- [Clocks](#)
- [Conductivity](#)
- [Controllers](#)
- [Counters](#)
- [Data Logger](#)
- [Desiccants](#)
- [Desiccators](#)
- [Duster](#)
- [Electrode Arm](#)
- [Glassware Tool](#)
- [Humidity](#)
- [Lasers](#)
- [Lights](#)
- [Light Meter](#)
- [Liquid Alarm](#)
- [Manometers](#)
- [Magnifiers](#)
- [Moisture](#)
- [Multimeters](#)
- [Oxygen Meter](#)
- [Pens/Graphs](#)
- [pH Buffers](#)
- [Pressure/Vac](#)
- [Pumps](#)
- [Slide Holder](#)
- [Software](#)
- [Sound Meter](#)
- [Stopwatches](#)
- [Tachometers](#)
- [Tags](#)

4065-4270

Traceable® Conductivity Standards (CRM)



- Certified Reference Material
- Traceable® Certificate comes with each bottle
- Highest accuracy available

Starting at \$ 24.45

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Specifications: 16 ounce solution · Accuracy at 25°C is the uncertainty shown on the certificate or the following, whichever is greater: ±0.25 microsiemen (micromho) for the 1, 5, 10 values; ±0.25% for all other values · Traceable® Certificate supplied

Traceable® Conductivity Standards (CRM) Complete Description

Use Standards with all meters

Traceable® Conductivity Standards, a Certified Reference Material, are 100% compatible with all makes of instruments and probes. Traceable® Conductivity Standards are the most accurate available. Accuracy at 25°C is (±0.25 microsiemens for 1, 5, 10 microsiemen solution or ±0.25% for other solutions) or the uncertainty shown on the certificate, whichever is greater. Each bottle is

[Thermometers](#)

[Timers](#)

[Tools](#)

[Wash Bottles](#)

[Wipes](#)

[Weather Station](#)

Free Samples

[Clamps](#)

[Desiccant](#)

[Humidity Card](#)

[Slide Holder](#)

labeled for calibrating conductivity (microsiemens/micromhos), resistivity (ohms), and dissolved solids (parts per million).

Methods supported

This certified reference material meets test requirements for Federal, State, and local agencies, CAP, ASTM, NCCLS, CLSI, ACS, CLIA, AOAC, EPA, APHA, AWWA, WEF, USGS, USP, and ISO. Traceable® Certified Reference Material complies with and is essential for use in these official methods: AOAC 973.40, EPA 120.1, Standard Method 2510 (APHA, AWWA, WEF), ISO 7888, DIN 38404, ASTM D1125, USGS I-1780, USP 645, and for A2LA/NVLAP accreditations/ISO 9000 certifications. Material may be used to calibrate all conductivity meters and to determine all conductivity cell constants.

Double A2LA accreditation ISO 17025 and ISO Guide 34 plus ISO 9001

To assure accuracy an individually serial-numbered Traceable® Certificate is supplied to indicate traceability to standards provided by NIST (National Institute of Standards and Technology) and/or a National Standards Laboratory. Double A2LA accredited certification provides the highest achievable level of quality assurance, documentation, and accuracy. Certified Reference Materials are produced in an A2LA accredited ISO 17025 calibration laboratory by an A2LA accredited ISO Guide 34 reference material producer. Additional accreditations include ISO 31 (certificate content) and ISO 35 (statistical analysis), plus ISO 9001 (certified quality manufacturer).

Each bottle is supplied with step-by-step calibration instructions, individual temperature compensation chart, traceability information, and Traceable® Certificate. Supplied in a 16-ounce bottle.

Control Company Conductivity Standards Certified Reference Material (CRM)

TRACEABLE® CONDUCTIVITY STANDARDS

Cat. No. NIST/ISO Guide 34, ISO 17025/A2LA Cert	Cat. No. NIST/ISO Guide 34, ISO 17025/A2LA Cert/ Individually Tested	Microsiemens/ Micromhos	Megohms	TDS / PPM
4274	4574	1.00	1	.66
4270	4570	5.00	0.2	3.3
4065	4565	10.00	0.1	6.6
4066	4566	100.0	0.01	66
4067	4567	1000	0.001	666
4173	4573	1413	0.00071	933
4068	4568	10000	0.0001	6666
4069	4569	100000	0.00001	66666
4161	4561	150000	0.000006	100000
4162	4562	200000	0.000005	133333

Above listings are nominal values. A certificate of analysis is provided for actual lot values. [To view additional Conductivity Standards click here](#)

Page updated on



[Return to home page](#)

Tuesday, March 25, 2014