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4175-4172

Traceable® One-Shot™ Conductivity



- Conductivity Standards
- Certified Reference Material
- Single use
- Eliminates external contamination concerns

Starting at \$ 30.12

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Specifications: Accuracy at 25°C is the uncertainty shown on the certificate or the following, whichever is greater: ±0.25 microsiemen (micromho) for the 5, 10 values; ±0.25% for all other values

Traceable® One-Shot™ Conductivity Complete Description

Single-use conductivity standards calibrate all conductivity meters and probes for maximum accuracy. One-Shots™ eliminate concern about external container contamination. Calibration is made in the standard's vial. Container fits all probes. Extra-large opening (1-3/4-inches diameter) and extra-large, 3-1/2-inches depth allow probe calibration to take place in the standard's polyethylene container.

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One-Shot™ Traceable® standards accommodate all conductivity probes and are ideal for lab or field conditions.

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 container is 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

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 our 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 container is supplied with step-by-step calibration instructions, individual temperature compensation chart, traceability information, and Traceable® Certificate. Supplied as a pack of six. Each One-Shot™ contains 100 milliliters.

Control Company Six-Pack One-Shot™ Traceable® Conductivity Standard (CRM) Certified Reference Material

TRACEABLE® CONDUCTIVITY STANDARDS

Cat. No.	QTY	Microsiemens/ Micromhos	Megohms	TDS / PPM
4271	6/Pk	5.00	0.2	3.3
4175	6/Pk	10.00	0.1	6.6
4176	6/Pk	100.0	0.01	66
4177	6/Pk	1000	0.001	666
4174	6/Pk	1413	0.00071	933
4178	6/Pk	10000	0.0001	6666
4179	6/Pk	100000	0.00001	66666
4580	6/Pk	150000	0.000006	100000
4581	6/Pk	200000	0.000005	133333
4172	6/Pk	Assortment (one each of the above, except 4271, 4580, 4581)		

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



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