



Traceable® One-Shot™ Conductivity Standards

ISO 17034 (1750.02) (formerly ISO Guide 34) Certified Reference Material

Use standards with all meters

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 (1¾-inches diameter) and extra-large, 3½-inches depth allow probe calibration to take place in the standard's polyethylene container. One-Shot™ Traceable® standards accommodate all conductivity probes and are ideal for lab or field conditions.

Highest Accuracy Available - USE STANDARDS WITH ALL METERS

Traceable® Conductivity Standards are the most accurate available. Accuracy at 25°C is (± 0.25 microsiemens for 1, 5, 10 microsiemen solution or $\pm 0.25\%$ 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).

TRACEABLE®
PRODUCTS

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/IEC 17025:2005 (1750.01) and ISO 17034 (1750.02) (FORMERLY 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/IEC 17025:2005 (1750.01) calibration laboratory and from an A2LA accredited ISO 17034 (1750.02) (formerly ISO Guide 34) reference material producer. Additional certifications include ISO 31 (certificate content) and ISO 35 (statistical analysis), plus ISO 9001 (certified quality manufacturer).

Supplied with

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.

Traceable® Conductivity Standards, Certified Reference Material Accredited ISO 17034 (1750.02) (formerly ISO Guide 34), ISO Guide 35, ISO Guide 31, ISO/IEC 17025:2005 (1750.01)

TDS/PPM	Megohms	Microsiemens/Micromhos	Cat. No. 16 oz. Bottle	Cat. No. Individually Tested 16 oz. Bottle	Cat No. 100 ml One-Shot™ (6-pack)
0.66	1	1	4274	4574	-
3.3	0.2	5	4270	4570	4271
6.6	0.1	10	4065	4565	4175
66	0.01	100	4066	4566	4176
666	0.001	1000	4067	4567	4177
933	0.00071	1413	4173	4573	4174
6666	0.0001	10000	4068	4568	4178
66666	0.00001	100000	4069	4569	4179
100000	0.000006	150000	4161	4561	4580
133333	0.000005	200000	4162	4562	4581
Assortment (one each of above One-Shot™, except 4271, 4580, 4581)					4172