

# Product Specification

**Combination pH / Conductivity Standard, pH 4.01 and 4.49 mS/cm at 25°C**
**Lot Number: SAMPLE**
**Product Number: 2232.5**
**Manufacture Date: N/A**
**Expiration Date: N/A**

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Acid Phthalate	877-24-7	Buffer
Methyl Alcohol	67-56-1	ACS
Preservative	Proprietary	

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Conductivity at 25°C	4480-4500 µS/cm	N/A	3193
Conductivity at 25°C Uncertainty	18	N/A	
pH at 25°C	4.000-4.020	N/A	185 & 186
pH at 25°C Uncertainty	0.03	N/A	

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
2232.5-16	500 mL amber glass	24 months

**Recommended Storage: 15°C - 30°C (59°F - 86°F)**


Katie Schnur  
Quality Control Manager

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."


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