

Product Specification

Potassium Acid Phthalate, 300 mg/L, Multi-Purpose Standard

Lot Number: SAMPLE**Product Number:** 5867.3**Manufacture Date:** N/A**Expiration Date:** N/A

The certified value reported is the prepared value based upon the method of preparation of the material. The uncertainty in the prepared value is based upon the volumetric method of preparation. This is a multi-purpose standard suitable for BOD, COD, TOC, Total Acidity, Normality, Total Solids, Fixed Solids, Volatile Solids, Potassium, Conductivity, and pH tests. Consult the product label for details.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Acid Phthalate	877-24-7	ACS Acidimetric

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Assay (Calculated)	299-301 mg/L	N/A	
Conductivity at 25°C	163-173 µS/cm	N/A	3193

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)
5867.3-32	1 L natural poly	12 months
5867.3-1	4 L natural poly	12 months
5867.3-16	500 mL natural poly	12 months

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

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