

Product Specification

Potassium Standard, 100 ppm K in 3% HNO₃

Lot Number: SAMPLE**Product Number:** 6498**Manufacture Date:** N/A**Expiration Date:** N/A

Suitable for Ion Chromatography and other methods where the indicated matrix is acceptable.

The concentration is confirmed by AA, ICP, or ICP-MS and is traceable to NIST Standard Reference Material 3141.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Nitric Acid	7697-37-2	ACS, Trace Metals
Potassium Nitrate	7757-79-1	High Purity

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Potassium (K)	99.5-100.5 ppm	N/A	3141

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)
6498-100	100 mL natural poly	12 months

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

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