

Certificate of Analysis

Potassium Hydroxide, 0.100 Normal (N/10) in Isopropyl Alcohol

Lot Number: 2401F79

Product Number: 6257

Manufacture Date: JAN 16, 2024

Expiration Date: JAN 2025

Name	CAS#	Grade
Isopropyl Alcohol	67-63-0	ACS
Potassium Hydroxide	1310-58-3	ACS
Water	7732-18-5	ACS
Preservative	Proprietary	

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Sulfuric Acid/Phenolphthalein)	0.0995-0.1005 N at 20°C	0.0998 N at 20°C	723

Specification	Reference
Potassium Hydroxide Solution, Standard Alcoholic (0.1 mol/L)	ASTM (D 664)
Potassium Hydroxide Solution, Standard Alcoholic (0.1 M)	ASTM (D 974)

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)
6257-1	4 L natural poly	12 months
6257-16	500 mL natural poly	12 months
6257-32	1 L natural poly	12 months

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



Jose Pena (01/16/2024)

Operations Manager

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

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.