

Certificate of Analysis

Silver Nitrate, 0.0141 Normal (0.0141 Molar), 1 mL = 0.5 mg Cl⁻

Lot Number: 1311E99

Product Number: 6860

Manufacture Date: NOV 13, 2023

Expiration Date: OCT 2025

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Silver Nitrate	7761-88-8	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Potassium Chloride/Potassium Chromate)	0.01408-0.01412 N at 20°C	0.01410 N at 20°C	999

Specification	Reference
Standard Silver Nitrate Titrant, 0.0141 M	APHA (4500-Cl- B)
Standard Silver Nitrate Titrant, 0.0141 M	APHA (4500-Cl- D)

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)
6860-1	4 L black poly	24 months
6860-16	500 mL amber poly	24 months
6860-32	1 L amber poly	24 months

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



Heidi J Green (11/13/2023)

Operations Manager

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

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