Certificate of Analysis

Silver Nitrate, 0.00100 Normal (N/1000)

Lot Number: 2403G07   **Product Number:** 6840

Manufacture Date: MAR 08, 2024

Expiration Date: FEB 2026

This solution was prepared volumetrically from a solution that was titrated and is certified traceable to Potassium Chloride, NIST Standard Reference Material 999. 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.

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	
Silver Nitrate	0.000995-0.001005 N at 20°C	0.001000 N at 20°C	999

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)
6840-32	1 L amber poly	24 months

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

Jose Pena (03/08/2024)

Operations Manager

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