

# Certificate of Analysis

**Silver Nitrate, 0.100 Normal (N/10)**
**Lot Number:** 1312D91

**Product Number:** 7000

**Manufacture Date:** DEC 27, 2023

**Expiration Date:** DEC 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)	0.0999-0.1001 N at 20°C	0.1000 N at 20°C	999

Specification	Reference
Silver Nitrate Standard Solution (0.10. N)	ASTM (D 287 M)
Silver Nitrate Solution, Standard (0.1 N)	ASTM (D 2384)
Silver nitrate, 0.1 N	TAPPI (T 624 cm-85)
Silver nitrate, 0.1 N	TAPPI (T 625 cm-85)
Standardized 0.1 N AgNO <sub>3</sub>	TAPPI (T 611 cm-97)
Silver nitrate, 0.1 N	TAPPI (T 613 cm-83)
Silver Nitrate, 0.1 N Volumetric Solution	ASTM (E 200)
Silver Nitrate, 0.10 N	EPA (SW-846) (9080)
Standard Silver Nitrate Solution (0.10 N)	EPA (SW-846) (9215)
Silver nitrate, 0.1 N	TAPPI (T 610 sp-97)
Silver Nitrate, Standard Solution (0.10 N)	ASTM (D 2187 H)
Silver Nitrate Solution, Standard (0.10 N)	ASTM (D 4548)
Silver Nitrate, Standard Solution (0.10 N)	ASTM (D 2187 I)
Silver Nitrate, Standard Solution (0.10 N)	ASTM (D 2187 J)
Silver Nitrate, Standard Solution (0.10 N)	ASTM (D 2187 K)
Silver Nitrate, Stand Solution (0.10 N)	ASTM (D 2187 L)
Silver Nitrate, 0.1 Normal Volumetric Solution	ACS (N/A)
0.1 M Silver nitrate Volumetric Solution	EP (3005600)
Silver Nitrate TS	USP (N/A)
Silver Nitrate, Tenth-Normal (0.1 N) Volumetric Solution	USP (N/A)

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)
7000-1	4 L black poly	24 months
7000-16	500 mL amber poly	24 months
7000-32G	1 L amber glass	24 months

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



Heidi J Green (12/27/2023)

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.