

Certificate of Analysis

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

Lot Number: 4404K31

Product Number: 6860

Manufacture Date: APR 19, 2024

Expiration Date: APR 2026

| 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) |
|-------------|---------------------|---------------------------------|
| 6860-32G | 1 L amber glass | 24 months |

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



Paul Brandon (04/19/2024)
 Production Manager

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