

Certificate of Analysis

**Ammonium Standard Stock Solution (250 ppm NH₄)
EP Standard Solution**

Lot Number: 2404C85

Product Number: 691

Manufacture Date: APR 02, 2024

Expiration Date: MAR 2025

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Ammonium Chloride	12125-02-9	High Purity

Test	Specification	Result
Ammonium (NH ₄)	249.9-250.1 ppm NH ₄	250.0 ppm NH ₄
Appearance	Colorless liquid	Passed

Specification	Reference
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Ammonium stock solution (0.741 g NH₄Cl in 1000 mL), for
preparation of R 5000300 & R 5000301

EP (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)
691-16	500 mL natural poly	12 months
691-4	120 mL natural poly	12 months

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

Jose Pena (04/02/2024)

Operations Manager

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

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