

Certificate of Analysis

Ammonium Thiocyanate, 0.100 Normal (N/10)

Lot Number: 1312B23

Product Number: 695

Manufacture Date: DEC 08, 2023

Expiration Date: MAY 2025

| Name | CAS# | Grade |
|----------------------|-----------|-----------------|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Ammonium Thiocyanate | 1762-95-4 | ACS |

| Test | Specification | Result | NIST SRM# |
|--|-------------------------|------------------|-----------|
| Appearance | Colorless liquid | Passed | |
| Assay (vs. Silver Nitrate/Volhard's Indicator) | 0.0999-0.1001 N at 20°C | 0.1001 N at 20°C | 999 |

| Specification | Reference |
|--|---------------------|
| Ammonium Thiocyanate, 0.1 N | TAPPI (T 613 cm-83) |
| Ammonium Thiocyanate, 0.1 N Volumetric Solution | ASTM (E 200) |
| Ammonium Thiocyanate, 0.1 N | TAPPI (T 610 sp-97) |
| 0.1M Ammonium thiocyanate Volumetric Solution | EP (3000500) |
| Ammonium Thiocyanate, 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) |
|-------------|---------------------|---------------------------------|
| 695-32 | 1 L natural poly | 18 months |

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



Heidi J Green (12/08/2023)

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.