

# Certificate of Analysis

## Ammonium Sulfide TS

**Lot Number:** 1311D56

**Product Number:** R0694600

**Manufacture Date:** NOV 21, 2023

**Expiration Date:** NOV 2024

This solution is unsuitable for use if an abundant precipitate of Sulfur is present. Store in a cold place protected from light.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Hydrogen Sulfide	7783-06-4	CP
Ammonium Hydroxide	1336-21-6	ACS

Test	Specification	Result
Appearance	Yellow liquid	Passed
Residue after Ignition	max 0.05 %	0 %
Suitability for Use	No turbidity with Magnesium Sulfate TS	Passed

Specification	Reference
Ammonium Sulfide TS	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)
R0694600-120C	120 mL amber glass	12 months
R0694600-500C	500 mL amber glass	12 months

**Recommended Storage:** 2°C - 8°C (36°F - 46°F)



Heidi J Green (11/21/2023)

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.