

# Product Specification

## Ammonium Molybdate TS

**Lot Number:** SAMPLE

**Product Number:** 674

**Manufacture Date:** N/A

According to USP, this reagent deteriorates on standing. If a precipitate forms during storage, use only the clear supernatant liquid. To check suitability for use, add 2 mL of Dibasic Sodium Phosphate TS (Ricca Cat. No. 7522) to 5 mL of this solution. This reagent is unsuitable for use if an abundant yellow precipitate does not form at once or after slight warming.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Nitric Acid	7697-37-2	ACS
Molybdic Acid	7782-91-4	ACS
Ammonium Hydroxide	1336-21-6	ACS

Test	Specification	Result
Appearance	Colorless to pale yellow-green liquid	N/A
Suitability for Use	Yellow precipitate with Phosphate	N/A

Specification	Reference
Ammonium Molybdate 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)
674-16	500 mL amber poly	Undetermined
674-4	120 mL amber poly	Undetermined
674-8	250 mL amber poly	Undetermined

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

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

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