

Certificate of Analysis

Cupric Sulfate TS, 12.5% (w/v)

Lot Number: 4403M36

Product Number: 2494

Manufacture Date: MAR 22, 2024

Expiration Date: MAR 2026

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Copper Sulfate Pentahydrate	7758-99-8	ACS

Test	Specification	Result	NIST SRM#
Appearance	Blue liquid	Passed	
Assay (vs. Potassium Iodate/Starch)	124.0-126.0 g/L	125.0 g/L	136

Specification	Reference
Copper sulphate solution R	EP (1022501)
Cupric Sulfate 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)
2494-16	500 mL natural poly	24 months
2494-4	120 mL natural poly	24 months

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



Paul Brandon (03/22/2024)

Production Manager

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

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