

Certificate of Analysis

Copper Sulfate, 0.0100 Molar (M/100)

Lot Number: 2311G95

Product Number: 2347

Manufacture Date: NOV 14, 2023

Expiration Date: MAY 2025

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. Sodium Thiosulfate/Starch)	0.00999-0.01001 Molar	0.01001 Molar	136

Specification	Reference
Copper sulfate, 0.01 M	TAPPI (T 504 cm-97)
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)
2347-1	4 L natural poly	18 months
2347-32	1 L natural poly	18 months

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



Sharon Travers (11/14/2023)

Operations Manager

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

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