

# Product Specification

## Cuprous Chloride Reagent, Acid Carbon Monoxide Absorbent for Orsat Gas Analysis

Lot Number: SAMPLE

Product Number: 2500

Manufacture Date: N/A

Expiration Date: N/A

The color indicated is the color of this reagent immediately after preparation. After about 1 week of storage, the color becomes a lighter green.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Hydrochloric Acid	7647-01-0	ACS
Cuprous Chloride	7758-89-6	ACS

Test	Specification	Result
Appearance	Colorless to light green liquid	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)
2500-32	1 L amber glass	12 months
2500-16	500 mL amber glass	12 months

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

Katie Schnur  
Quality Control Manager

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