

# Product Specification

## Matching Fluid G, USP - for Color and Achromicity

**Lot Number:** SAMPLE**Product Number:** 4621.G**Manufacture Date:** N/A**Expiration Date:** N/A

This solution is prepared using accurate volumetric techniques according to the USP formulation specifications.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Ferric Chloride Hexahydrate	10025-77-1	ACS
Cobalt (II) Chloride Hexahydrate	7791-13-1	ACS
Hydrochloric Acid	7647-01-0	ACS
Copper Sulfate Pentahydrate	7758-99-8	ACS

Test	Specification	Result
Appearance	Light yellow-brown liquid	N/A

Specification	Reference
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Matching Fluid G

USP (631)

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)
4621.G-16	500 mL amber glass	12 months

**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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