

Certificate of Analysis

Color Standard, APHA / Hazen (Platinum-Cobalt), Color = 1000

Lot Number: 1402955

Product Number: 2231

Manufacture Date: FEB 05, 2024

Expiration Date: JAN 2026

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Hydrochloric Acid	7647-01-0	ACS
Potassium Hexachloroplatinate (IV)	16921-30-5	Reagent
Cobalt (II) Chloride Hexahydrate	7791-13-1	ACS

Test	Specification	Result	NIST SRM#
Absorbance at 430 nm	0.22-0.24 AU/cm	0.22 AU/cm	930
Absorbance at 455 nm	0.260-0.290 AU/cm	0.276 AU/cm	930
Absorbance at 480 nm	0.210-0.240 AU/cm	0.225 AU/cm	930
Absorbance at 510 nm	0.11-0.13 AU/cm	0.12 AU/cm	930
Appearance	Yellow-brown liquid	Passed	

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)
2231-16	500 mL amber glass	24 months

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



Heidi J Green (02/05/2024)

Operations Manager

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

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