

Certificate of Analysis

Cobalt Standard, 10,000 ppm Co

Lot Number: 2401D06

Product Number: 2205

Manufacture Date: JAN 08, 2024

Expiration Date: JUN 2025

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Cobalt Nitrate Hexahydrate	10026-22-9	ACS
Nitric Acid	7697-37-2	ACS

Test	Specification	Result	NIST SRM#
Appearance	Pink liquid	Passed	
Assay (vs. EDTA/Xylenol Orange)	9990-10010 ppm Co	10007 ppm Co	915

Specification	Reference
Cobalt Standard, 1 mL = 10 mg Co, 10,000 ppm Co	EPA (219.1)

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)
2205-16	500 mL natural poly	18 months

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



Jose Pena (01/08/2024)

Operations Manager

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

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