

Certificate of Analysis

Chemical Oxygen Demand Standard, 50 ppm COD

Lot Number: 1311D59

Product Number: R2226500

Manufacture Date: NOV 08, 2023

Expiration Date: NOV 2024

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Potassium Acid Phthalate	877-24-7	ACS Acidimetric

Test	Specification	Result
Appearance	Colorless liquid	Passed
Chemical Oxygen Demand (COD)	49.6-50.4 ppm	50.0 ppm

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)
R2226500-500A	500 mL natural poly	12 months

Recommended Storage: 2°C - 8°C (36°F - 46°F)

Heidi J Green (11/08/2023)

Operations Manager

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

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