

Certificate of Analysis

Buffer Solution A, for Sulfate Analysis (Turbidimetric Method)

Lot Number: 2402B68

Product Number: 1475

Manufacture Date: FEB 06, 2024

Expiration Date: JUL 2025

Buffer Solution B required in the APHA Turbidimetric Method for Sulfate, Standard Method No. 4500-SO42- E.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Magnesium Chloride Hexahydrate	7791-18-6	ACS
Acetic Acid	64-19-7	ACS
Sodium Acetate Trihydrate	6131-90-4	ACS
Potassium Nitrate	7757-79-1	ACS

Test	Specification	Result
Appearance	Colorless liquid	Passed

Specification	Reference
Buffer Solution A	APHA (4500-SO42- E)

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)
1475-32	1 L natural poly	18 months

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



Jose Pena (02/06/2024)

Operations Manager

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

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