

# Certificate of Analysis

## Color Reagent, for Nitrate Determination

**Lot Number:** 1404H03

**Product Number:** 2233

**Manufacture Date:** APR 15, 2024

**Expiration Date:** OCT 2024

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Phosphoric Acid	7664-38-2	ACS
Sulfanilamide	63-74-1	Reagent
N-(1-Naphthyl)ethylenediamine Dihydrochloride	1465-25-4	ACS

Test	Specification	Result
Appearance	Colorless to Pale Pink liquid	Passed
Suitability for Use	Red color with Nitrite	Passed

Specification	Reference
Color Reagent	APHA (4500-NO3- F)
Color Reagent	EPA (353.2)

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)
2233-16	500 mL amber glass	6 months

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



Heidi J Green (04/15/2024)

Operations Manager

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

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