RICCA CHEMICAL COMPANY®

Certificate of Analysis

Nitrite Standard, 1000 ppm NO_2^- (304.5 ppm N)

Lot Number: 2402F80   **Product Number:** 5445

Manufacture Date: FEB 21, 2024
Expiration Date: FEB 2025

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Nitrite	7632-00-0	ACS
Chloroform	67-66-3	

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Potassium Permanganate)	996.7-1003.3 ppm NO_2	1002.2 ppm NO_2	8040

Specification	Reference
Standard Nitrite Solution, 1000 mg/L	APHA (4110 B)
Nitrite Stock Solution (1.00 mL = 1.00 mg NO2-)	EPA (SW-846) (9056)
Nitrite Stock Solution (1.00 mL = 1.00 mg NO2-)	ASTM (D 4327)

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)
5445-16	500 mL natural poly	12 months
5445-4	120 mL natural poly	12 months
5445-8	250 mL natural poly	12 months

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

Jose Pena (02/21/2024)

Operations Manager

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

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