

# Certificate of Analysis

Nitrite Standard, 500 ppm NO<sub>2</sub><sup>-</sup> (152.25 ppm N)

Lot Number: 2312E64

Product Number: 5444.5

Manufacture Date: DEC 13, 2023

Expiration Date: JUN 2024

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

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Potassium Permanganate)	498.3-501.7 ppm NO <sub>2</sub>	501.7 ppm NO <sub>2</sub>	8040

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)
5444.5-4	120 mL amber glass	6 months

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



Jose Pena (12/13/2023)

Operations Manager

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

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