

Certificate of Analysis

Rev 0



Quality System Audited & Registered
by NSF-ISR to ISO 9001:2008

Catalog No: 062020-03-01
Lot No: 1078421
Storage: Refrigerated
Matrix: H₂O
Container: 4 oz (125 mL) Narrow Mouth, HDPE
Description: Ion Chromatography Standard Nitrite, 100 mL
1,000 mg/L in H₂O



Date Received _____
Date Certified 31-Jul-2015
Expiration Date 31-Jan-2017

Element	Symbol	CAS No.	Source Lot No.	Purity %	Concentration mg/L
Nitrite	NO ₂	7632-00-0	7097.409.1P	99.999	1000 +/- 3

Certified By: _____

Carrie Bibbins

This standard was prepared gravimetrically using balances calibrated with NIST traceable weights (NIST Test Number 822/264157-00). Only calibrated Class A volumetric glassware was used to prepare this standard. The concentration and uncertainty of this standard are calculated based on the weight and volumes used in the manufacturing process. The uncertainty value is calculated for a 95% confidence interval with a k value of 2. Sub-boiled distilled acid and 18 megaohm deionized water were used to stabilize the product. All raw materials were checked for stoichiometry and purity prior to use. This standard has been spectrometrically certified by an independent source, which is directly traceable to NIST.

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