

Certificate of Analysis

Rev 0



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

Catalog No: 062020-19-1LSP

Lot No: 1078368

Storage: Refrigerated

Matrix: H₂O

Container: 8 oz (250 mL) Narrow Mouth, HDPE

Description: Ion Chromatography Standard Nitrite, 1 L (4 x 250 mL)
0.2 mg/L in H₂O



ISO 17025 Accredited Chemical Testing Lab
Cert. No. 3031.01

Date Received _____
Date Certified 30-Jul-2015
Expiration Date 1-Sep-2016

Element	Symbol	CAS No.	Source Lot No.	Purity %	Concentration mg/L
Nitrite	NO ₂	7632-00-0	7097.46.5P	99.999	0.2 +/- .0009

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.

2030 Savage Road • Charleston, SC 29407
Phone: 866.272.0932 • Fax: 866.509.5146
www.o2si.com