

Certificate of Analysis

Rev 0



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

Catalog No: 160633-02-01
Lot No: 1108815
Storage: Ambient
Matrix: 2% HNO₃ + Tr HF
Container: 4 oz (125 mL) Narrow Mouth, LDPE clean
Description: ICP Solids LOQ Standard, 100 mL
µg/L in 2% HNO₃ + Tr HF



Date Received _____
Date Certified 30-May-2017
Expiration Date 1-Jul-2018

Element	Symbol	CAS No.	Source Lot No.	Purity %	Concentration ug/L
Beryllium	Be	7440-41-7	7005.409.1P	99.996	250 +/- 2

Certified By: _____

Shane Overcash

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