

# Certificate of Analysis

Rev 0



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

**Date Received** \_\_\_\_\_  
**Date Certified** 31-Jul-2015  
**Expiration Date** 31-Jan-2017

**Catalog No:** 062015-01-01  
**Lot No:** 1078428  
**Storage:** Refrigerated  
**Matrix:** H<sub>2</sub>O  
**Container:** 4 oz (125 mL) Narrow Mouth, HDPE  
**Description:** Ion Chromatography Standard Bromate, 100 mL  
1,000 mg/L in H<sub>2</sub>O



ISO 17025 Accredited Chemical Testing Lab  
Cert. No. 3031.01

Element	Symbol	CAS No.	Source Lot No.	Purity %	Concentration mg/L
Bromate	BrO <sub>3</sub>	7789-38-0	7085.48.1P	99.5	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.

2030 Savage Road • Charleston, SC 29407  
Phone: 866.272.0932 • Fax: 866.509.5146  
[www.o2si.com](http://www.o2si.com)