

# Certificate of Analysis

Rev 0



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

**Catalog No:** AA-060020-07-125  
**Lot No:** 1057441  
**Storage:** Ambient  
**Matrix:** 1% HNO<sub>3</sub>  
**Container:** 125 ml Narrow Mouth, HDPE clean



ISO 17025 Accredited Chemical Testing Lab  
Cert No. 3031.01

**Date Received** \_\_\_\_\_  
**Expiration Date** 1/Apr/2015  
**Certification Date** 4/Mar/2014

**Description:** AA Grade Calcium, 125 mL  
100 mg/L  $\pm$  2% in 1% HNO<sub>3</sub>

Element	Symbol	CAS No.	Source Lot No.	Purity %	Concentration mg/L
Calcium	Ca	7440-70-2	7006.29.2P	99.999	100 +/-2

The concentration of this standard was calculated based on the weight and volumes used in the manufacturing process. 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 verified by Inductively Coupled Plasma Spectroscopy (ICP) and is traceable to NIST.

Glassware Calibration - Only calibrated Class A volumetric glassware was used to prepare this standard using Standard Operating Procedure (SOP) O2-LB-006.

Balance Calibration - This standard was prepared gravimetrically using balances calibrated annually by an A2LA accredited laboratory and analytical weights traceable to NIST (NIST Test Number 822/264157-00). All balances are checked daily using in-house procedure O2-LB-004.

Certified By: \_\_\_\_\_

Zachary Spinelli

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