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Certificate of Analysis

Lead AA Standard, 1,000 ppm in 3% HNO₃ - Private Label for Agilent

Lot Number: 4207977

Product Number: S527000A

Expiration Date: JUL 2014

Manufacture Date: 8/6/2012

The final solution concentration is confirmed by AA, ICP, or ICP-MS and traceable to NIST Standard Reference Material 3128.

Contains:

Name	CAS#	Grade
Lead	7439-92-1	High Purity
Nitric Acid	7697-37-2	Trace Metals
Water, Deionized	7732-18-5	Trace Metals Analyzed

Test Name	Assay Method	Specification	Result
Appearance		Clear, colorless liquid	Clear, colorless liquid
Assay at 20 °C (traceable to NIST SRM 915)	Titrimetric vs. EDTA (Xylenol Orange Indicator)	1,000 ± 5 ppm Pb	997 ppm Pb

This standard is guaranteed to be stable and accurate provided the product is kept tightly capped and stored under normal laboratory conditions.

Balances are calibrated using NIST traceable weights whose verification of maintenance and recalibration is documented per in-house Standard Operating Procedures. Class A glassware is also calibrated and routinely rechecked per in-house Standard Operating Procedures. Trace metal analyzed acids and Trace Metals Analyzed Water are used in the manufacture of this product. Triple cleaned containers are used in the manufacture of this product.

Shelf Life (unopened container):

Part Number	Shelf Life
8200202701	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)

LaNelle Ohlhausen
Quality Assurance

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

To determine manufacture site using lot number, visit <http://www.riccachemical.com/Documents/lot.pdf>.