

LabKings B.V
Utrechtseweg 5
1213TK Hilversum
The Netherlands

log No: LK1-CB102009-1L

Lot No: 1098043

Storage: Ambient

Matrix: 5% HNO₃ + Tr HF

Description: LK1-CB102009-1L, (4 x 250 mL)
USP 1 mg/L in 5% HNO₃ + Tr HF
500 Ca 100 Al, B, K, Mg, Na, P

Date Received _____
Certification Date 26-Oct-2016
Expiration Date 28-Apr-2018

Comment:

Element	Symbol	CAS No.	Source Lot No.	Purity %	Concentration mg/L
Calcium	Ca	7440-70-2	7006.159.1P	99.999	500 +/- 1
Aluminum	Al	7429-90-5	7001.46.7P	99.9995	100 +/- .3
Boron	B	7440-42-8	7003.29.2.1P	99.5	100 +/- .3
Potassium	K	7440-09-7	7013.409.5P	99.999	100 +/- .3
Magnesium	Mg	7439-95-4	7016.409.1P	99.99	100 +/- .3
Sodium	Na	7440-23-5	7020.46.7P	99.999	100 +/- .3
Phosphorus	P	7723-14-0	7022.409.3P	99.999	100 +/- .3
Arsenic	As	7440-38-2	7002.409.1P	99.9999	10 +/- .03
Barium	Ba	7440-39-3	7004.29.4P	99.997	10 +/- .03
Beryllium	Be	7440-41-7	7005.409.1P	99.996	10 +/- .03
Bismuth	Bi	7440-69-9	7040.117.1P	99.999	10 +/- .03
Cadmium	Cd	7440-43-9	7007.409.2P	99.9999	10 +/- .03
Cobalt	Co	7440-48-4	7008.409.1P	99.999	10 +/- .03
Chromium	Cr	7440-47-3	7009.409.2P	99.99	10 +/- .03
Copper	Cu	7440-50-8	7011.409.3P	99.9999	10 +/- .03
Iron	Fe	7439-89-6	7012.409.2P	99.99	10 +/- .03
Gallium	Ga	7440-55-3	7046.46.2P	99.9999	10 +/- .03
Lithium	Li	7439-93-2	7015.409.1P	99.9999	10 +/- .03
Manganese	Mn	7439-96-5	7017.46.5P	99.95	10 +/- .03
Molybdenum	Mo	7439-98-7	7018.29.3P	99.999	10 +/- .03
Nickel	Ni	7440-02-0	7021.409.1P	99.995	10 +/- .03
Lead	Pb	7439-92-1	7023.29.3P	99.999	10 +/- .03
Rubidium	Rb	7440-17-7	7220.409.1P	99.99	10 +/- .03
Selenium	Se	7782-49-2	7027.409.1P	99.9998	10 +/- .03
Strontium	Sr	7440-24-6	7030.409.1P	99.999	10 +/- .03

This standard was manufactured by a laboratory accredited to ISO/IEC 17025:2005 (certificate number 3031.01) by the American Association of Laboratory Accreditation (A2LA). The manufacturer's quality system is audited and registered by NSF-ISR to ISO 9001:2008 (certificate number IZ391-IS4).

Kayla Dennin

Certified By: _____

Kayla Dennin

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.

Crown your labwork