



Certificate of Analysis

Catalog No: 160126-03-01

Lot No: 1013068

Storage: Ambient

Matrix: H₂O

Container: 125 ml Narrow Mouth, HDPE

Description: Ion Chromatography Standard
mg/L ± 0.5% in H₂O

Quality System
Audited & Registered
by NSF-ISR to ISO 9001:2000

Date Received: _____

Expiration Date: 2/7/2010

Element	Symbol	CAS No	Source Lot No	Purity %	Concentration mg/L
Sulfate	SO4	7783-20-2	7024.46.1	99.999	2000
Fluoride	F	7681-49-4	7096.46.1	99.995	1000
Bromide	Br	7647-15-6	7086.46.1	99.999	1002
Nitrate	NO3	7631-99-4	7019.46.1	99.999	1000
Nitrite	NO2	7632-00-0	7097.46.1	99.99	999
Ortho-Phosphate	PO4	7722-76-1	7022.43.1	99.99	999
Chloride	Cl	7647-14-5	7020.46.1	99.999	1000

Certified By: _____

HuiChen Stavros, Ph.D.

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. 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.