

# Product Specification

## Mixed Anion Standard

### 1000 ppm Fluoride, Chloride, Nitrate, Bromide, Nitrite, Phosphate and Sulfate

**Lot Number:** SAMPLE**Product Number:** RICMIX50**Manufacture Date:** N/A**Expiration Date:** N/A

The certified values reported are the prepared values based upon the method of preparation of the material. The uncertainties in the prepared values are based upon the volumetric method of preparation.

**Matrix:** Water

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP

Test	Specification	Result
Appearance	Colorless liquid	N/A

Analyte	Analysis (ppm)	Solute	CAS#	Grade
Fluoride (F)	990-1010 ppm	Sodium Fluoride	7681-49-4	High Purity
Nitrite (NO <sub>2</sub> )	990-1010 ppm	Potassium Nitrite	7758-09-0	ACS
Chloride (Cl)	990-1010 ppm	Sodium Chloride	7647-14-5	ACS
Nitrate (NO <sub>3</sub> )	990-1010 ppm	Potassium Nitrate	7757-79-1	High Purity
Sulfate (SO <sub>4</sub> )	990-1010 ppm	Sodium Sulfate Anhydrous	7757-82-6	ACS
Phosphate (PO <sub>4</sub> )	990-1010 ppm	Potassium Dihydrogen Phosphate	7778-77-0	High Purity
Bromide (Br)	990-1010 ppm	Sodium Bromide	7647-15-6	High Purity

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RICMIX50-100A	100 mL natural poly	12 months
RICMIX50-500A	500 mL natural poly	12 months

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

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