

Product Specification

Mixed Anion Standard

100 ppm F, Cl, Br, SO₄, N (from NO₂), N (from NO₃), P (from PO₄)

Lot Number: SAMPLE

Product Number: RICMIX59

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
Chloroform	67-66-3	

Test	Specification	Result
Appearance	Colorless liquid	N/A

Analyte	Analysis (ppm)	Solute	CAS#	Grade
Nitrogen (as Nitrate) (NO ₃ -N)	99-101 ppm	Potassium Nitrate	7757-79-1	High Purity
Nitrogen (as Nitrite) (NO ₂ -N)	99-101 ppm	Potassium Nitrite	7758-09-0	ACS
Phosphorus (P)	99-101 ppm	Potassium Dihydrogen Phosphate	7778-77-0	High Purity
Fluoride (F)	99-101 ppm	Sodium Fluoride	7681-49-4	High Purity
Chloride (Cl)	99-101 ppm	Sodium Chloride	7647-14-5	ACS
Sulfate (SO ₄)	99-101 ppm	Sodium Sulfate Anhydrous	7757-82-6	ACS
Bromide (Br)	99-101 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)
RICMIX59-500A	500 mL natural poly	6 months

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

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