

# Product Specification

## Mixed Anion Standard

2000 ppm: Cl, SO<sub>4</sub> / 500 ppm N (as NO<sub>3</sub>) / 250 ppm Br / 100 ppm F, N (as NO<sub>2</sub>), P (as PO<sub>4</sub>)

Lot Number: SAMPLE

Product Number: ICMIX01

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.

This product may contain a trace of Chloroform, CAS No. 67-66-3.

**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 <sub>3</sub> -N)	495-505 ppm	Potassium Nitrate	7757-79-1	High Purity
Chloride (Cl)	1995-2005 ppm	Sodium Chloride	7647-14-5	High Purity
Sulfate (SO <sub>4</sub> )	1985-2015 ppm	Sodium Sulfate Anhydrous	7757-82-6	ACS
Nitrogen (as Nitrite) (NO <sub>2</sub> -N)	99-101 ppm	Potassium Nitrite	7758-09-0	ACS
Phosphorus (P)	99.5-100.5 ppm	Ammonium Dihydrogen Phosphate	7722-76-1	High Purity
Bromide (Br)	249.5-250.5 ppm	Sodium Bromide	7647-15-6	High Purity
Fluoride (F)	99.5-100.5 ppm	Sodium Fluoride	7681-49-4	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)
ICMIX01-1A	1 L natural poly	6 months

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

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