

Product Specification

Anions Multi-Standard Solution, 250 ppm F, 500 ppm Cl, 250 ppm NO₃-N, 500 ppm PO₄, 500 ppm SO₄

Lot Number: SAMPLE

Product Number: 753

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 |
|------------------------------|----------------|--------------------------------|-----------|-------------|
| Nitrogen (N) | 247-253 ppm | Potassium Nitrate | 7757-79-1 | High Purity |
| Chloride (Cl) | 495-505 ppm | Sodium Chloride | 7647-14-5 | High Purity |
| Sulfate (SO ₄) | 495-505 ppm | Sodium Sulfate Anhydrous | 7757-82-6 | ACS |
| Phosphate (PO ₄) | 495-505 ppm | Potassium Dihydrogen Phosphate | 7778-77-0 | High Purity |
| Fluoride (F) | 247-253 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) |
|-------------|---------------------|---------------------------------|
| 753-16 | 500 mL natural poly | 12 months |

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

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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