

# Product Specification

Chloride/Sulfate IC Standard, 2.5 ppm Cl, 2.5 ppm SO<sub>4</sub>

Lot Number: SAMPLE

Product Number: R1962025

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 |
|----------------------------|----------------|--------------------------|-----------|-------|
| Sulfate (SO <sub>4</sub> ) | 2.48-2.52 ppm  | Sodium Sulfate Anhydrous | 7757-82-6 | ACS   |
| Chloride (Cl)              | 2.48-2.52 ppm  | Sodium Chloride          | 7647-14-5 | ACS   |

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) |
|---------------|---------------------|---------------------------------|
| R1962025-100A | 100 mL natural poly | 30 days                         |
| R1962025-500A | 500 mL natural poly | 30 days                         |

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

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