

Certificate of Analysis

Ionic Strength Adjustor, for use with Sodium Ion Selective Electrode

Lot Number: 4404D96

Product Number: 4130

Manufacture Date: APR 05, 2024

Expiration Date: SEP 2025

Certified suitable for use as an Ionic Strength Adjustor (ISA) for concentration measurement of Sodium Ion (Na+).

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Ammonium Chloride	12125-02-9	ACS
Ammonium Hydroxide	1336-21-6	ACS

Test	Specification	Result
Appearance	Colorless liquid	Passed

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)
4130-16	500 mL natural poly	18 months
4130-32	1 L natural poly	18 months

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

Paul Brandon (04/05/2024)

Production Manager

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

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