

# Certificate of Analysis

**Chloride Standard, 500 ppm Cl<sup>-</sup> (0.0141 Normal)**

**Lot Number:** 1404G13

**Product Number:** 1950

**Manufacture Date:** AUG 31, 2023

**Expiration Date:** MAR 2026

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Chloride	7647-14-5	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Silver Nitrate/Potassium Chromate)	499.0-501.0 ppm Cl	499.9 ppm Cl	999

Specification	Reference
Standard Sodium Chloride, 0.0141 M	APHA (4500-Cl- C)
Standard Sodium Chloride Solution, 0.0141M	APHA (4500-Cl- D)
Standard Sodium Chloride, 0.0141 M	APHA (4500-Cl- B)
Sodium chloride standard, 0.0141 N	TAPPI (T 256 cm-97)
Sodium Chloride Stock Solution (0.0141 N NaCl)	EPA (SW-846) (9250)
Sodium Chloride Stock Solution (0.0141 N NaCl)	EPA (SW-846) (9251)
Stock Solution (0.0141 N NaCl)	EPA (325.1)
Stock Solution (0.0141 N NaCl)	EPA (325.2)
Chloride stock solution (0.824 g NaCl in 1000 mL), for preparation of R 5000901	EP (N/A)

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)
1950-16	500 mL natural poly	24 months
1950-32	1 L natural poly	24 months

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



Heidi J Green (08/31/2023)

Operations Manager

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

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