

# Certificate of Analysis

**Sodium Chloride - Acetic Acid Standard, 2.00% (w/w) Sodium Chloride / 1.00% (w/w) Acetic Acid**

**Lot Number:** 1206A46

**Product Number:** R7193000

**Manufacture Date:** JUN 16, 2022

**Expiration Date:** JUN 2023

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Chloride	7647-14-5	ACS
Acetic Acid	64-19-7	ACS

Test	Specification	Result	NIST SRM#
Acetic Acid (CH <sub>3</sub> COOH)	0.999-1.001 % (w/w)	0.999 % (w/w)	
Appearance	Colorless liquid	Passed	
Assay (vs. Silver Nitrate/Potassium Chromate)	1.999-2.001 % (w/w) NaCl	2.000 % (w/w) NaCl	999

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)
R7193000-4A	4 L natural poly	12 months

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



Jason Thomas (06/16/2022)

Operations Manager

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

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