

Certificate of Analysis

Sodium Carbonate, 2.00 Normal

Lot Number: 2309M36

Product Number: 7191

Manufacture Date: SEP 26, 2023

Expiration Date: MAR 2025

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Carbonate	497-19-8	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Sulfuric Acid/Methyl Orange)	1.999-2.001 N at 20°C	2.001 N at 20°C	723

Specification	Reference
Sodium carbonate, 1 M	TAPPI (T 624 cm-85)
Sodium carbonate solution R	EP (1079301)

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)
7191-5	20 L Cubitainer [®]	18 months

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



Sharon Travers (09/26/2023)

Operations Manager

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

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.