

# Product Specification

## Carbonate Eluent, 0.5 M Na<sub>2</sub>CO<sub>3</sub>, 100X Stock Solution

**Lot Number:** SAMPLE**Product Number:** 2806**Manufacture Date:** N/A**Expiration Date:** N/ADilute 100 mL of this stock solution to 10 L with Deionized Water to obtain the working 5 mM Na<sub>2</sub>CO<sub>3</sub> eluent solution.

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	N/A	
Assay (vs. Sulfuric Acid/Methyl Orange)	0.4995-0.5005 Molar	N/A	723

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)
2806-100	100 mL natural LDPE	12 months

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

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

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