RICCA CHEMICAL COMPANY®

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Product Specification

Eluent Solution, for Ion Chromatography, 3 mM $NaHCO_3$ - 2.4 mM Na_2CO_3

Lot Number: SAMPLE **Product Number:** 2816

Manufacture Date: N/A
Expiration Date: N/A

The certified value reported is the prepared value based upon the method of preparation of the material. The uncertainty in the prepared value is based upon the volumetric method of preparation.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Carbonate	497-19-8	ACS Alkalimetric
Sodium Bicarbonate	144-55-8	ACS

Test	Specification	Result
Appearance	Colorless liquid	N/A

Specification	Reference
Eluant Solution, Sodium Bicarbonate-Sodium Carbonate, 0.003 M NaHCO3 – 0.0024 M Na2CO3	APHA (4110 B)
Eluent, 0.003 M NaHCO3/0.0024 M Na2CO3	EPA (SW-846) (9056)
Chromatographic Eluent, 3 mM Sodium Bicarbonate/2.4 mM Sodiu Carbonate	EPA (SW-846) (9057)
Eluent – for sulfite, sulfate, thiosulfate, chloride, and oxalate	TAPPI (T 699 om-87)

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)
2816-1	4 L natural poly	18 months
2816-32	1 L natural poly	18 months

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

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