

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

ELUENT CONCENTRATE SOLUTION 0.1800 M Sodium Carbonate / 0.1700 M Sodium Bicarbonate
Catalog No: ELUENT1817

Lot Number: X2-ICS761943

Starting Material: Sodium Carbonate
Starting Material Lot No: 2606

Starting Material: Sodium Bicarbonate
Starting Material Lot No: 2479

NOMINAL CONCENTRATION: 0.1800 M CO₃ / 0.1700 M HCO₃
Calculated Value: 0.1801M CO₃ / 0.1701M HCO₃

This solution is a reagent and is not intended to be used as a certified reference material.

PREPARATION

Dilute this eluent concentrate 1 to 100 using distilled or deionized water that is free of anions of interest. Water should contain no particles greater than 0.2 microns.

To prepare a liter of eluent, dilute 10 mL of the eluent concentrate to 1000 mL. Mix well. The final result will be 1.8 mM Carbonate and 1.7 mM Bicarbonate.

ANALYZED DENSITY OF SOLUTION (measured at 20 ± 5° C): **1.028 g/mL**

Certification Date: May 13, 2026

Prepared By:



Expiration Date: May 13, 2031

Approved By:



Certifying Officer:

