

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** 0.35 M Sodium Carbonate / 0.10 M Sodium Bicarbonate

Catalog No: ELUENT3510

Lot Number: X2-ICS762228

Starting Material: Sodium Carbonate  
Starting Material Lot No: 2832

Starting Material: Sodium Bicarbonate  
Starting Material Lot No: 2479

### **NOMINAL CONCENTRATION:** 0.3500 M CO<sub>3</sub> / 0.1000 M HCO<sub>3</sub>

**Calculated Value:** 0.3500 M CO<sub>3</sub> / 0.1001 M HCO<sub>3</sub>

**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 3.5 mM Carbonate and 1.0 mM Bicarbonate.

### **ANALYZED DENSITY OF SOLUTION (measured at 20 ± 5° C): 1.041 g/mL**

**Certification Date:** May 13, 2026

**Prepared By:**



**Expiration Date:** May 13, 2031

**Approved By:**



**Certifying Officer:**

