

IC Application Note No. O-23

Title: Carbonate in aqueous ammonia solution

Summary: Determination of carbonate in an aqueous ammonia solution using ion exclusion chromatography with suppressed conductivity detection.

Sample: Concentrated aqueous ammonia solution

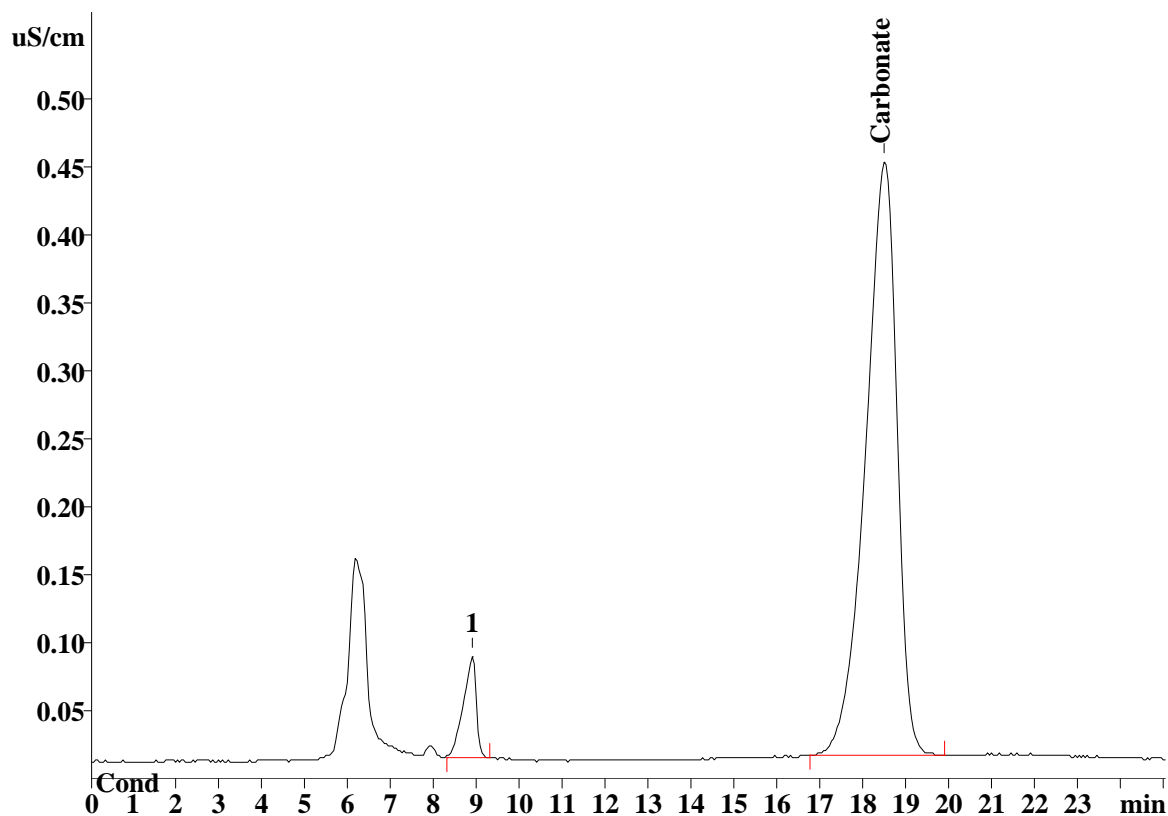
Sample Preparation: Dilution 1 : 25 with CO₂-free ultrapure water

Column: 6.1005.200 Metrosep Organic Acids

Eluent: Ultrapure water

Flow: 0.5 mL/min

Injection Volume: 100 µL



Results:

Carbonate
mg/L

21.64