

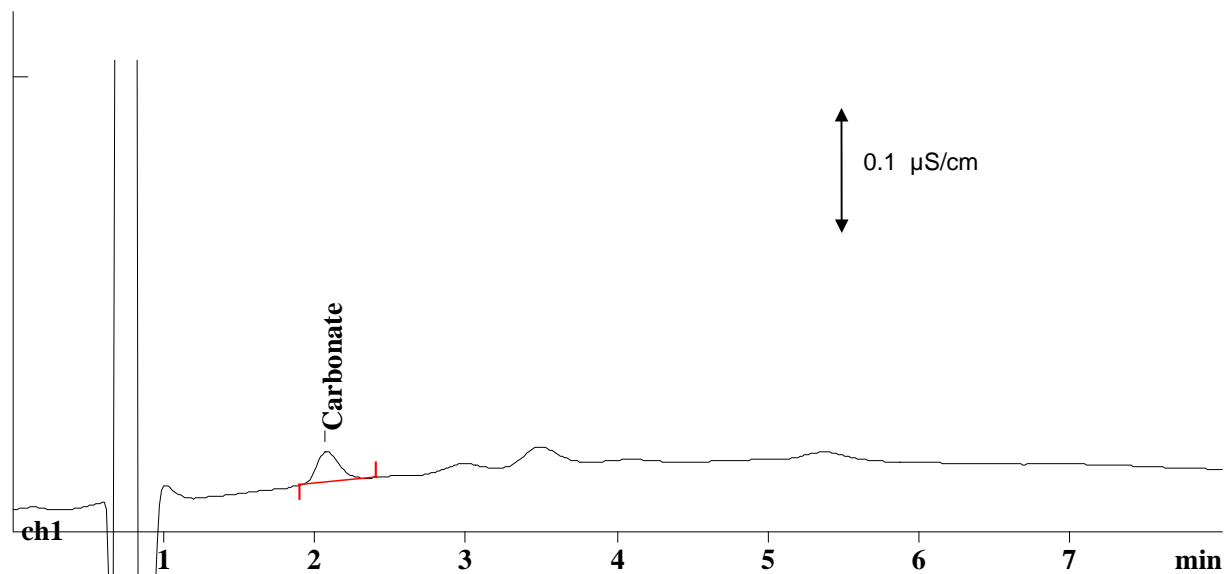
# IC Application Note No. N-24

**Title:** Traces of carbonate in urea

**Summary:** Determination of traces of carbonate in urea using anion chromatography with direct conductivity detection.

**Sample:** Urea  
**Sample Preparation:** 3 g urea dissolved in 100 mL ultrapure water (under N<sub>2</sub> atmosphere)

**Column:** 6.1009.000 SUPER SEP Anion  
**Eluent:** 1.5 mmol/L p-hydroxybenzoic acid, 5% acetonitrile, pH = 8.0 (diethylamino ethanol )  
**Flow:** 1.5 mL/min  
**Injection Volume:** 100 µL



<b>Results:</b>	Carbonate µg/g
	<b>23</b>