

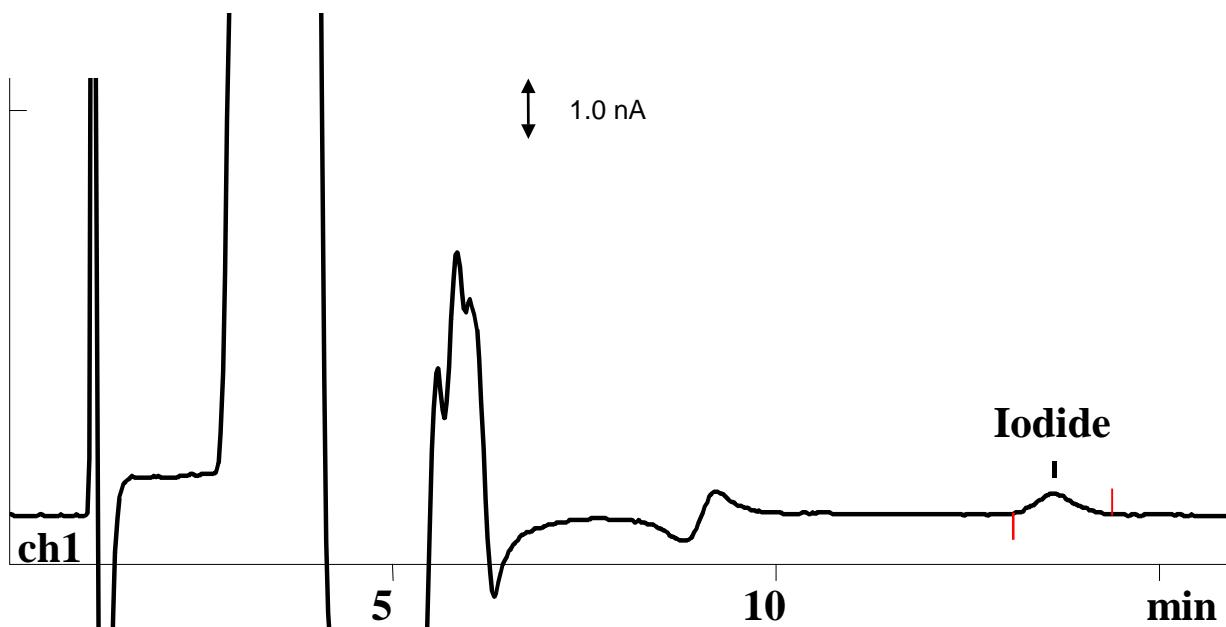
# IC Application Note No. S-77

**Title:** Traces of iodide in common salt using amperometric detection

**Summary:** Determination of iodide in common salt using anion chromatography with amperometric detection at the silver electrode.

**Sample:** Common salt  
**Sample Preparation:** 1 g salt dissolved in 100 mL ultra pure water

**Column:** 6.1006.100 Metrosep Anion Dual 2  
**Eluent:** 3.6 mmol/L sodium hydrogencarbonate, 1.3 mmol/L sodium carbonate, 15 % acetone  
**Voltage:** 150 mV  
**Suppressor:** Metrohm Suppressor Module (MSM, 20 mmol/L H<sub>2</sub>SO<sub>4</sub>)  
**Flow:** 0.8 mL/min  
**Injection Volume:** 20 µL



<b>Results:</b>	iodide mg/kg
	2.7