

IC Application Note No. N-22

Title: Traces of iodide in hydrochloric acid (25%) using amperometric detection

Summary: Determination of traces of iodide in HCl (25%) using anion chromatography with amperometric detection at a silver electrode.

Sample: HCl 25%

Sample Preparation: Dilution 1 : 100

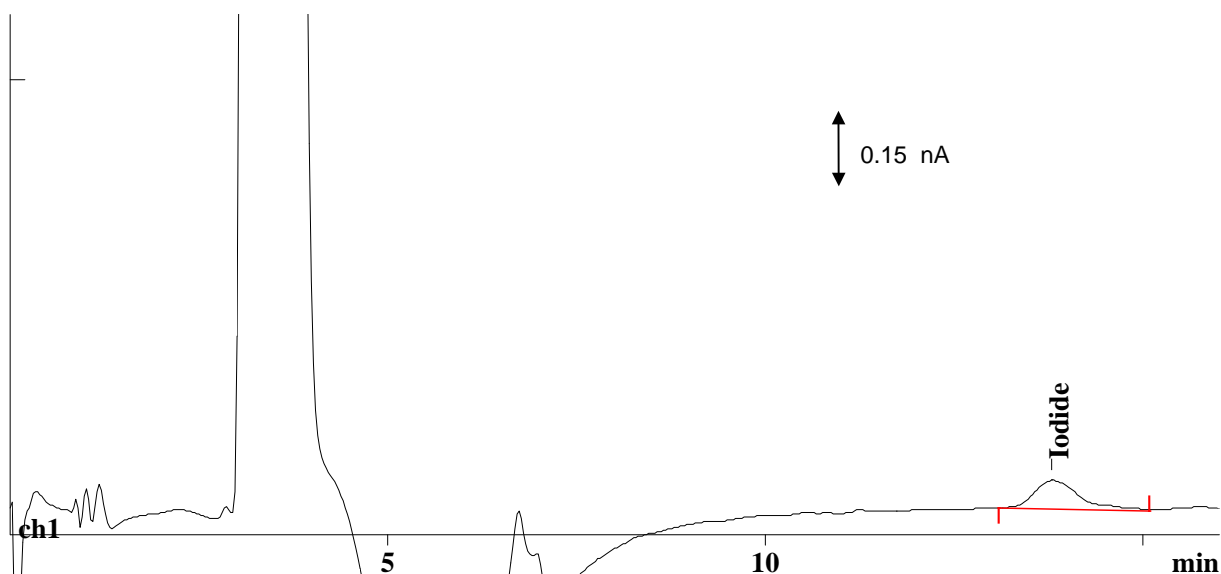
Column: 6.1006.100 Metrosep Anion Dual 2

Eluent: 3.6 mmol/L sodium bicarbonate, 2.7 mmol/L sodium carbonate, 15% acetone

Voltage: 150 mV

Flow: 0.8 mL/min

Injection Volume: 50 μ L



Results:

Iodide
 μ g/L

5.0