

IC Application Note No. U-2

Title: Bromide and nitrate in 1% sodium chloride

Summary: Determination of bromide and nitrate in 1% sodium chloride solution using anion chromatography with UV/VIS detection (205 nm) after chemical suppression.

Sample: 1% sodium chloride solution

Sample Preparation: –

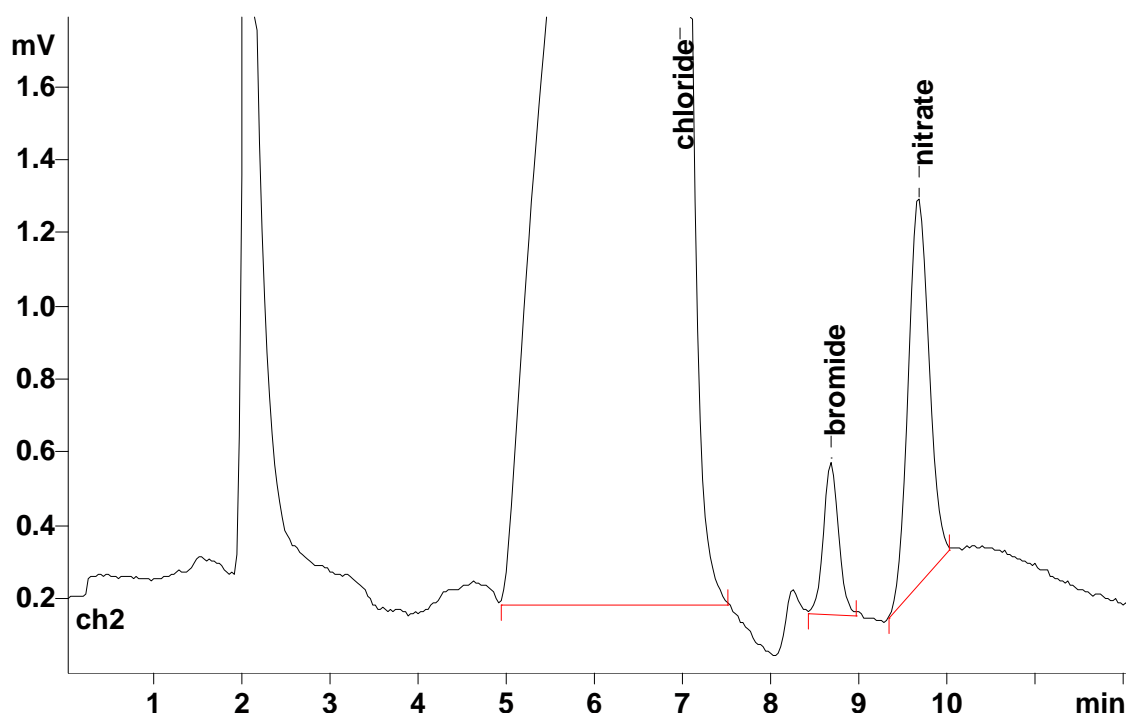
Column: 6.1006.520 Metrosep A Supp 5 – 150

Eluent: 3.2 mmol/L sodium carbonate
1.0 mmol/L sodium hydrogencarbonate

Suppressor: Metrohm Suppressor Module (MSM, 50 mmol/L sulfuric acid)

Flow: 0.7 mL/min

Injection Volume: 20 μ L



Results:

	Chloride	Bromide μ g/L	Nitrate
	n.q.	50	n.q.