

IC Application Note No. S-202

Title: Chloride and bromide in an absorption solution after Wickbold digestion

Summary: Determination of chloride and bromide in an absorption solution after Wickbold digestion using anion chromatography with conductivity detection after chemical suppression.

Sample: Absorption solution (water / hydrogen peroxide)

Sample Preparation: Dilution 1 : 5 in ultrapure water

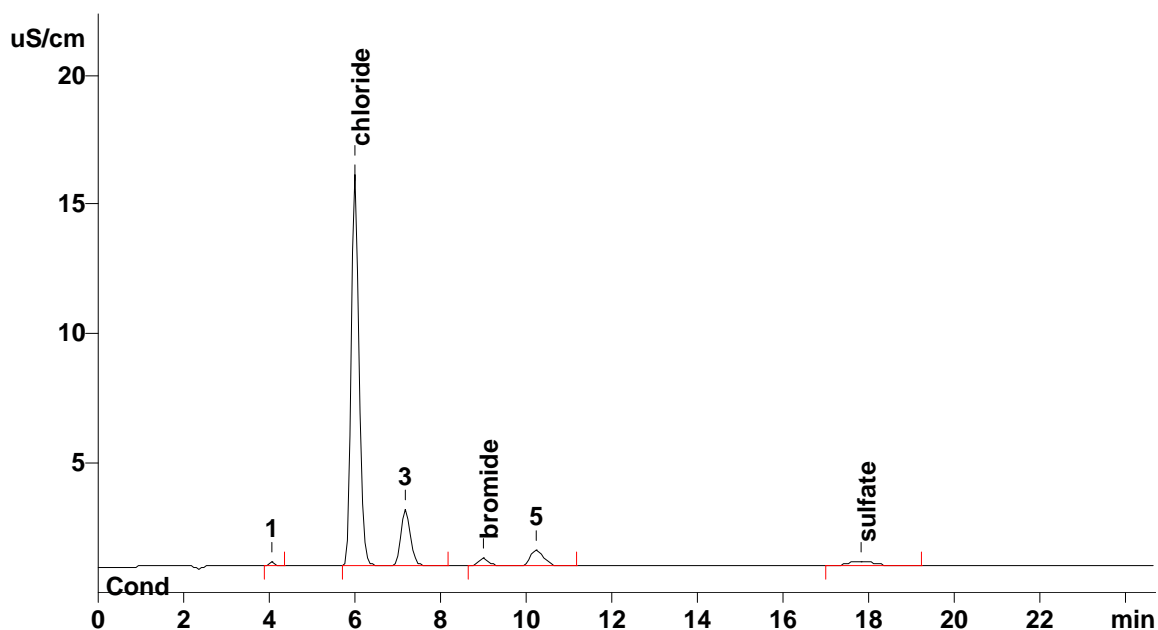
Column: 6.1006.430 Metrosep A Supp 4

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

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

Flow: 1.0 mL/min

Injection Volume: 20 μ L



Results:	Chloride mg/L	Bromide mg/L	Sulfate mg/L
	108.1	8.51	n.q.