

IC Application Note No. N-11

Title: Chloride, bromide and iodide in alkaline combustion solutions

Summary: Determination of chloride, bromide and iodide in alkaline combustion solutions using anion chromatography with direct conductivity detection.

Sample: Absorption solution from combustion of organic substances

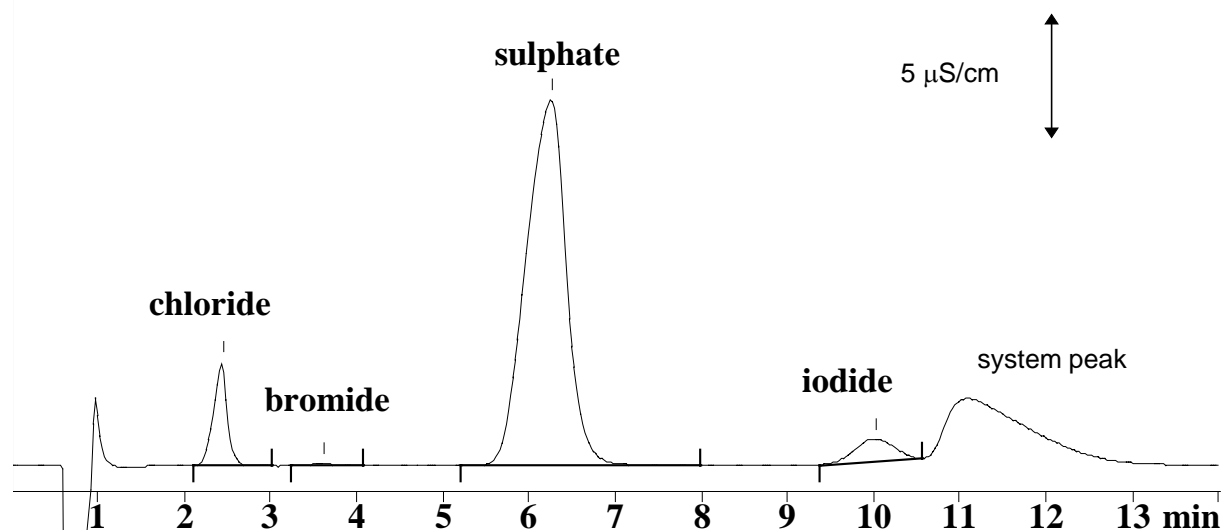
Sample Preparation: Cation exchange prior to injection

Column: 6.1009.000 SUPER-SEP Anion Column

Eluent: 2.0 mmol/L phthalic acid, 5 % acetonitril, pH = 4.8 (TRIS)

Flow: 1.5 mL/min

Injection Volume: 100 μ L



Results:	Cl ⁻ mg/L	Br ⁻ mg/L	I ⁻ mg/L	SO ₄ ²⁻
	12.6	1.6	36.6	not quantified