

IC Application Note No. S-140

Title: Iodide, thiosulfate and thiocyanate in the presence of the standard anions

Summary: Determination of iodide, thiosulfate and thiocyanate in the presence fluoride, chloride, nitrite, bromide, nitrate, phosphate and sulfate using anion chromatography with a high-pressure gradient and conductivity detection after chemical suppression.

Sample: Standard solutions

Column: 6.1006.430 Metrosep A SUPP 4

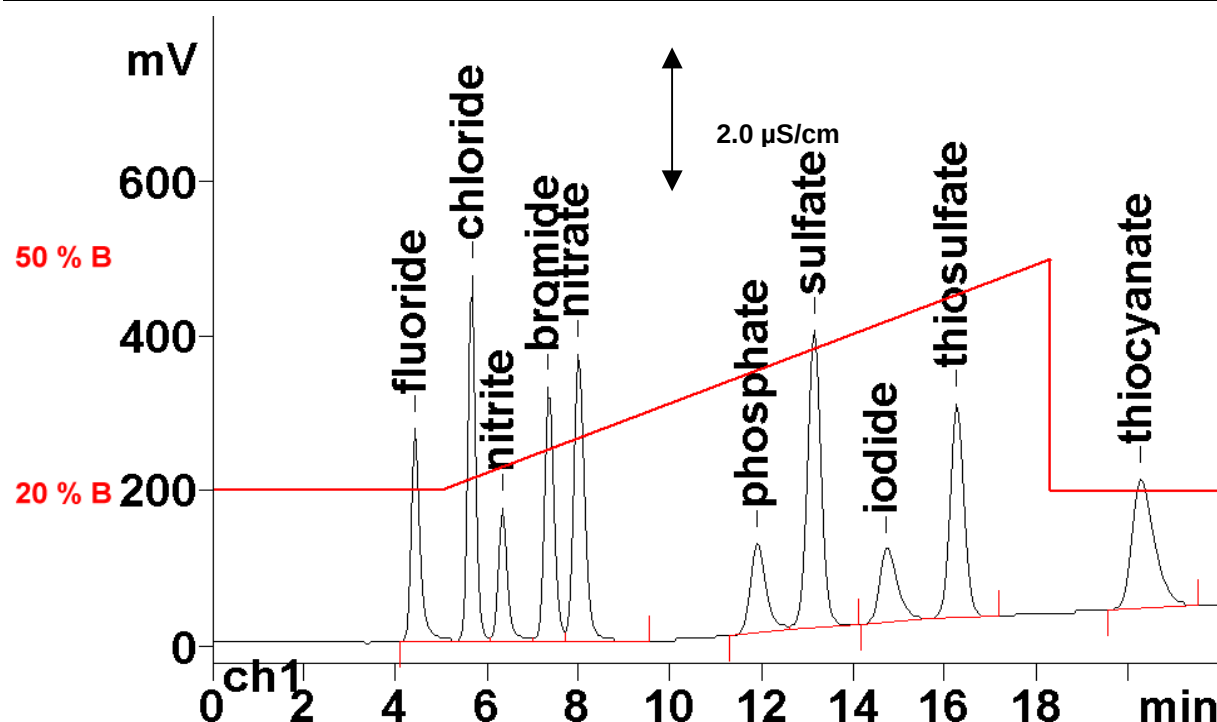
Eluent A: 2.5% acetone

Eluent B: 8.5 mmol/L sodium hydrogencarbonate,
9.0 mmol/L sodium carbonate, 2.5 % acetone

Suppressor: 828 Dual Suppressor

Flow: 1.0 mL/min

Injection Volume: 20 μ L



Results:	Fluoride mg/L	Chloride, Nitrite mg/L	All other ions mg/L
	2	5	10