

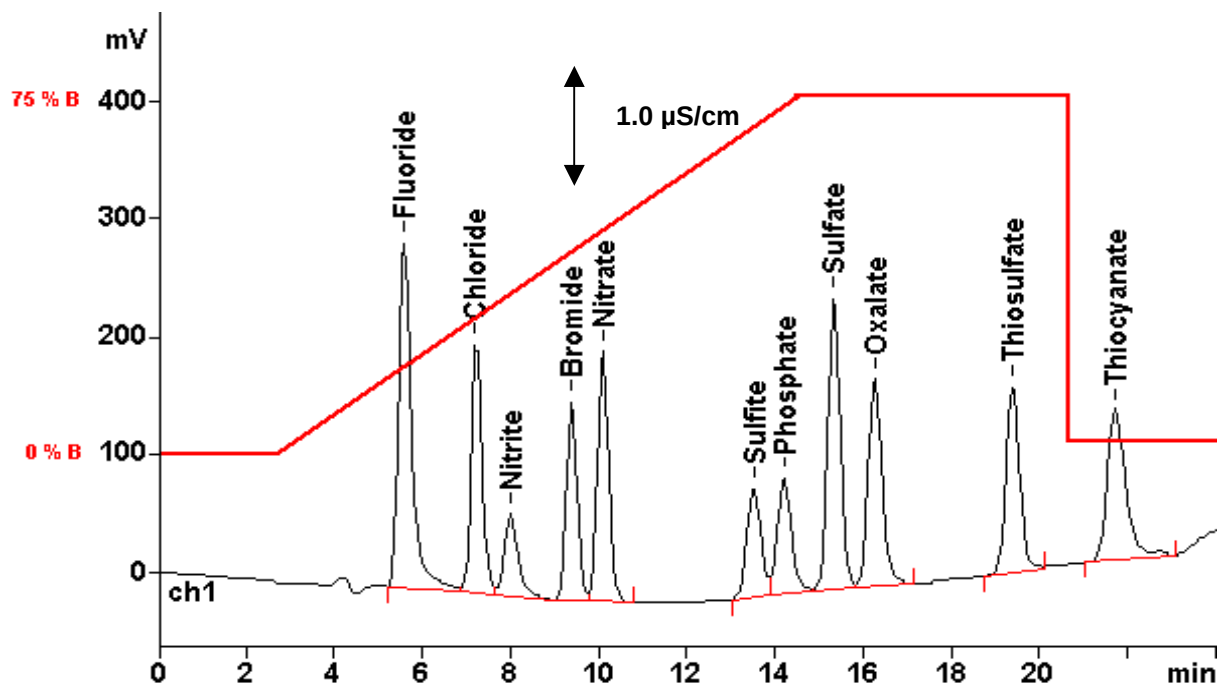
IC Application Note No. S-139

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

Summary: Determination of sulfite, oxalate, thiosulfate and thiocyanate in the presence of 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: 6.1006.520 Metrosep A SUPP 5-150
Eluent A: 1.0 mmol/L sodium hydrogencarbonate, 3.2 mmol/L sodium carbonate, 17% acetone
Eluent B: 3.0 mmol/L sodium hydrogencarbonate, 9.6 mmol/L sodium carbonate, 17 % acetone
Suppressor: 828 Dual Suppressor
Flow: 0.6 mL/min
Injection Volume: 20 μ L



Results:	Fluoride, chloride mg/L	All other ions mg/L
	2.5	5