

IC Application Note No. S-275

Title: Formate, acetate, oxalate and molybdate besides standard anions

Summary: Determination of fluoride, formate, acetate, chloride, nitrite, bromide, nitrate, sulfate, oxalate and molybdate using anion chromatography with conductivity detection after chemical suppression applying Metrohm Inline Dialysis.

Sample: Standard solution

Sample Preparation: Direct injection after Inline Dialysis

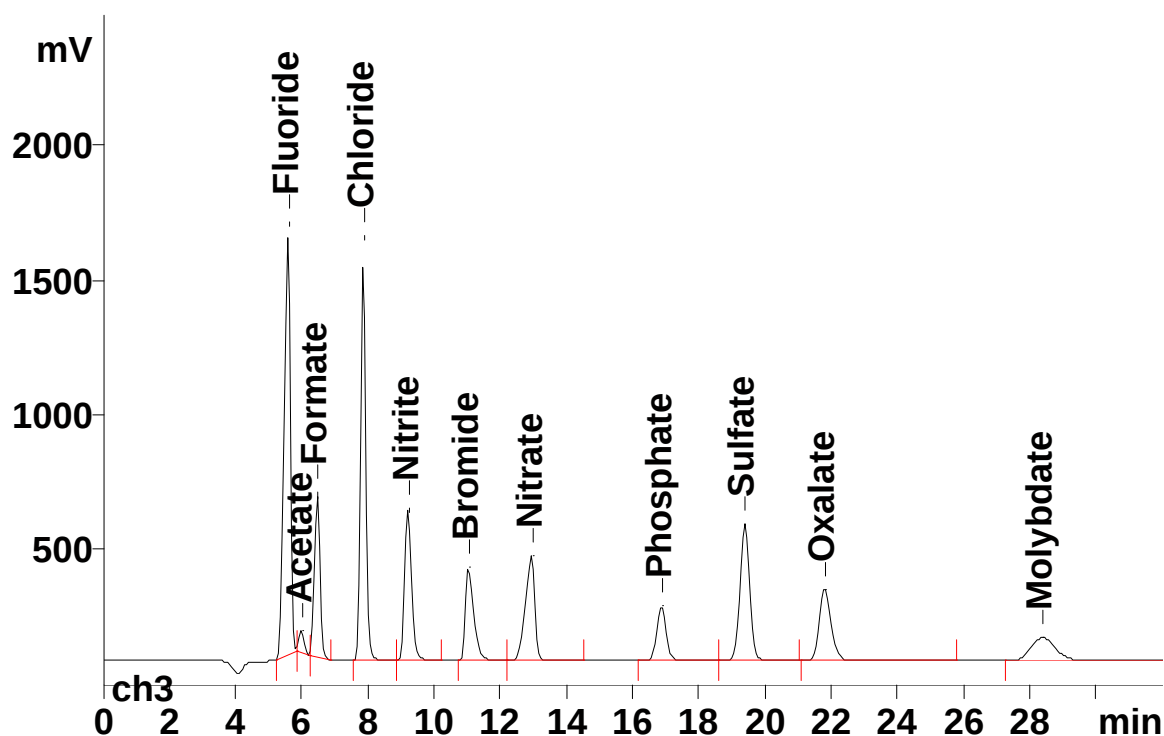
Column: 6.1006.530 Metrosep A Supp 5 – 250

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

Suppressor: Metrohm Suppressor Module MSM (50 mmol/L H₂SO₄)

Flow: 0.7 mL/min

Injection Volume: 100 µL



Results:	Fluoride, formate, acetate, chloride, nitrite, bromide, nitrate, sulfate, oxalate, molybdate mg/L
	10.0