

IC Application Note No. S-19

Title: Chloride, sulfate, oxalate and fumarate

Summary: Determination of chloride, sulfate, oxalate and fumarate using anion chromatography with conductivity detection after chemical suppression.

Sample: Aqueous standard solution

Sample Preparation: -

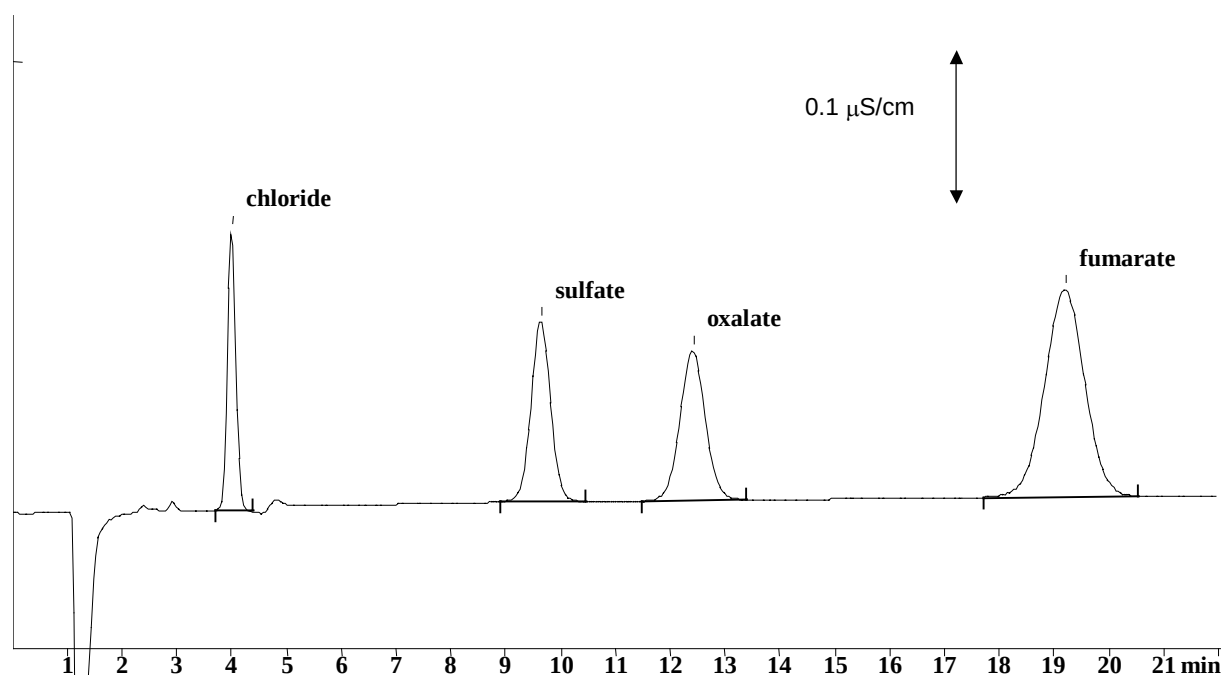
Column: 6.1006.100 Metrosep Anion Dual 2

Eluent: 2.0 mmol/L sodium hydrogencarbonate,
2.5 mmol/L sodium carbonate

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

Flow: 0.8 mL/min

Injection Volume: 20 µL



Results:	chloride mg/L	sulfate mg/L	oxalate mg/L	fumarate mg/L
	0.25	0.5	0.5	2.5