

IC Application Note No. S-226

Title: Sulfite, sulfate and thiosulfate in metam potassium

Summary: Determination of chloride, sulfite, sulfate and thiosulfate in metam potassium (potassium N-methyldithiocarbamate) applying anion chromatography with conductivity detection after chemical suppression.

Sample: Metam potassium (potassium N-methyldithiocarbamate)

Sample Preparation: Dilution 1 : 10'000 with ultrapure water

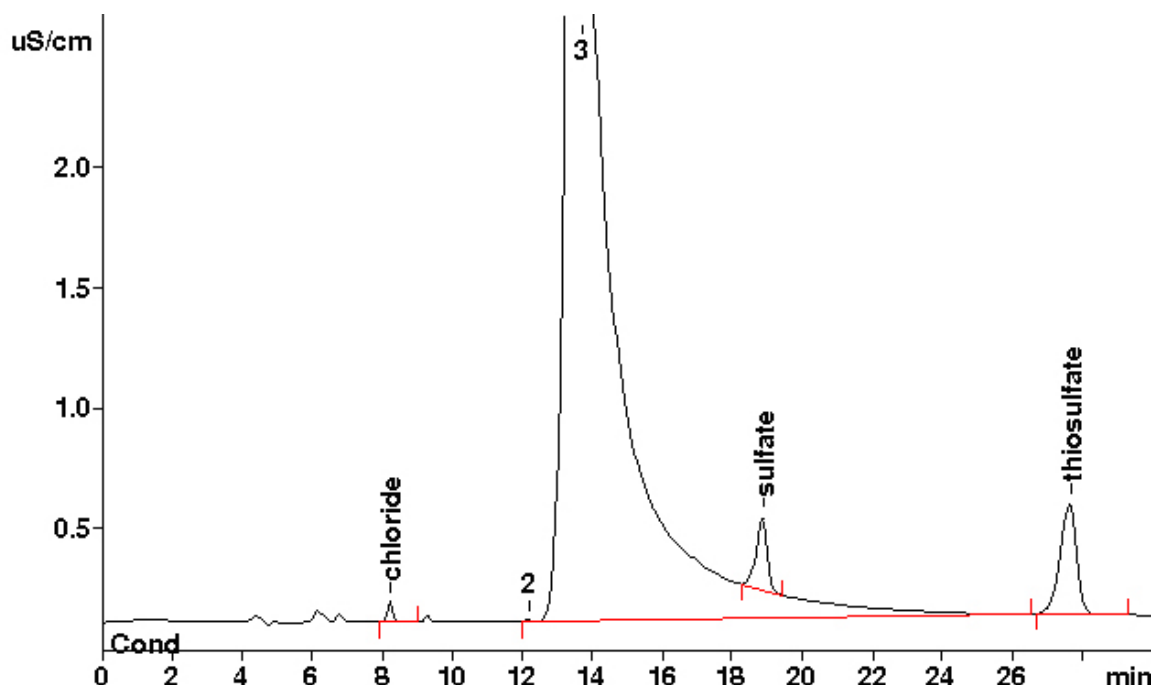
Column: 6.1006.520 Metrosep A Supp 5 – 150

Eluent: 4.0 mmol/L sodium carbonate
1.0 mmol/L sodium hydrogencarbonate
10% acetone

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

Flow: 0.7 mL/min

Injection Volume: 20 µL



Results:	Chloride mg/L	Sulfite RT = 16.86 min	Sulfate mg/L	Thiosulfate mg/L
	n.q.	n.d.	3673	12822