

IC Application Note No. S-22

Title: Chloride, sulfite and sulfate in tenside solution

Summary: Determination of chloride, sulfite and sulfate in tensid solution using anion chromatography with conductivity detection after chemical suppression.

Sample: Tenside sample

Sample Preparation: Dilution 1:1000, sulfite stabilized with formaldehyde

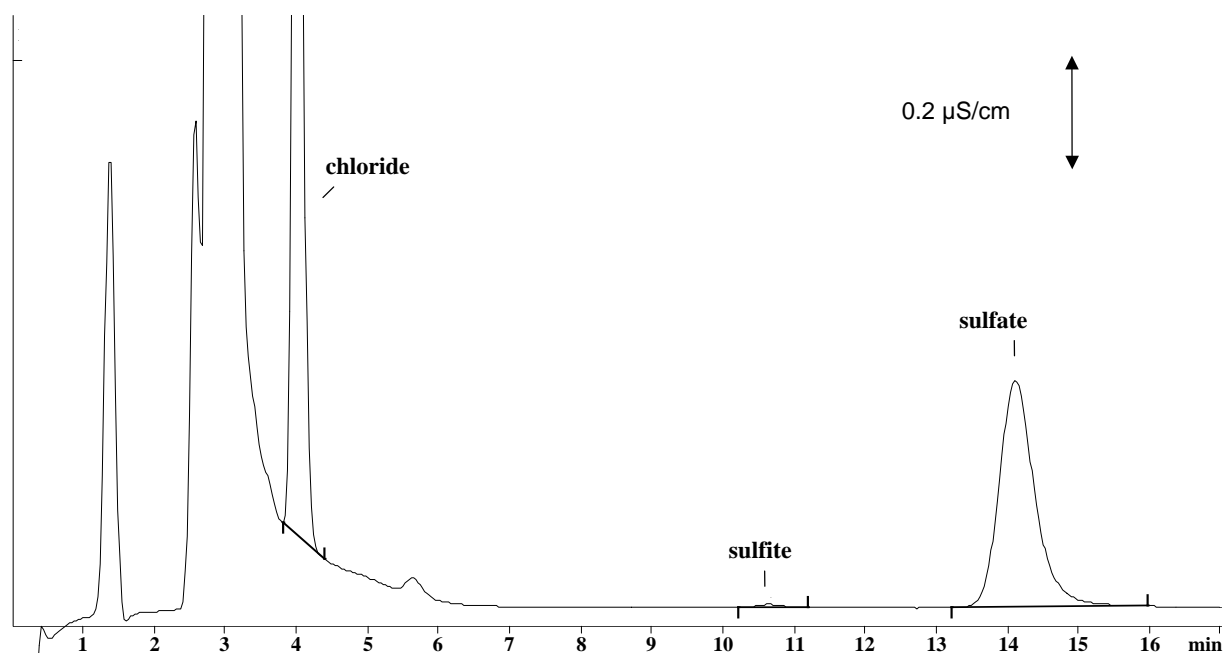
Column: 6.1006.100 Metrosep Anion Dual 2

Eluent: 2.0 mmol/L sodium hydrogencarbonate,
1.6 mmol/L sodium carbonate, 15 % acetone

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

Flow: 0.8 mL/min

Injection Volume: 20 µL



| Results: | chloride mg/L | sulfite mg/L | sulfate mg/L |
|-----------------|------------------|-----------------|-----------------|
| | 2762 | 52 | 2634 |