

IC Application Note No. S-188

Title: Chloride in children's sweat

Summary: Determination of chloride in a child's sweat using anion chromatography with conductivity detection after chemical suppression.

Sample: Sweat

Sample Preparation: Filter paper with sweat eluted with 3 mmol/L lithium nitrate

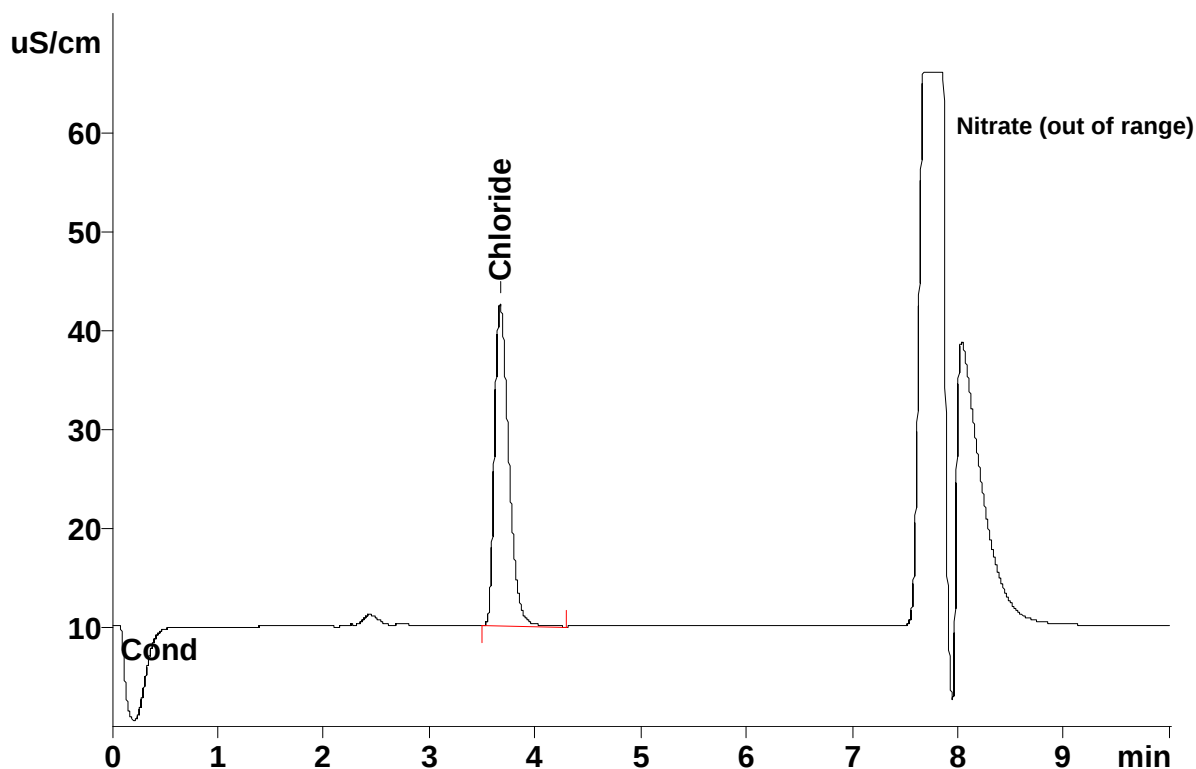
Column: 6.1006.100 Metrosep Dual 2

Eluent: 2.0 mmol/L sodium carbonate
1.8 mmol/L sodium hydrogen carbonate

Suppressor: Metrohm Suppressor Module (MSM, 100 mmol/L sulfuric acid)

Flow: 1.0 mL/min

Injection Volume: 20 μ L



Results:

6 replicate runs

Chloride
mmol/L

1.00