

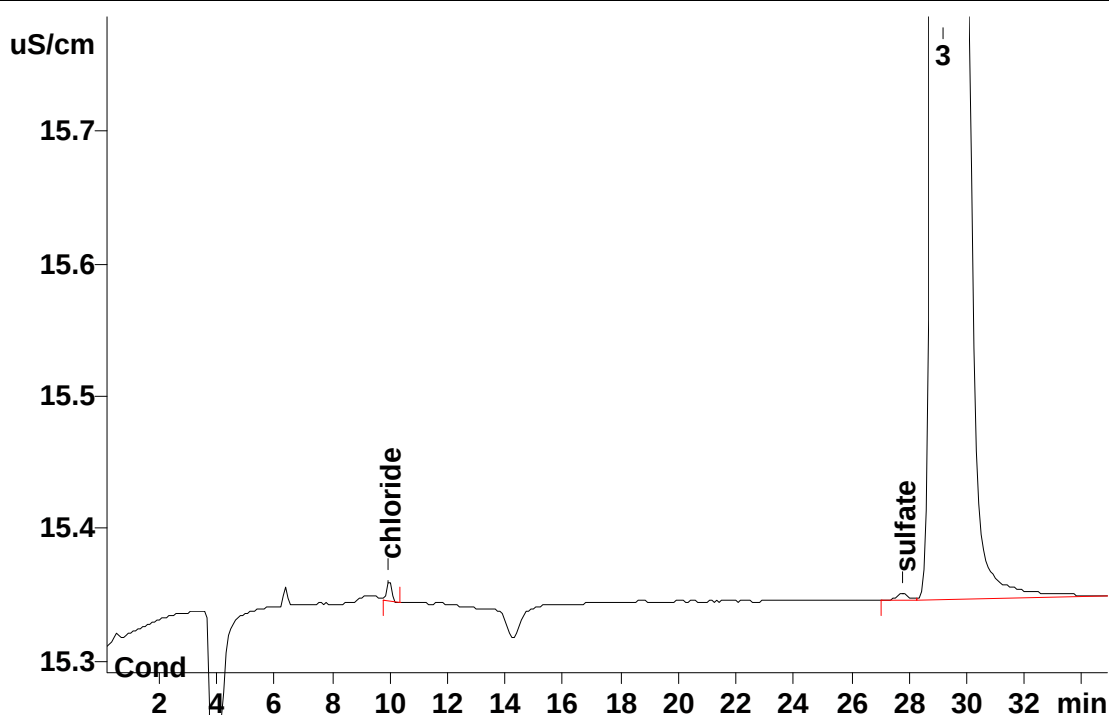
IC Application Note No. S-146

Title: Chloride and sulfate in succinic acid

Summary: Determination of chloride and sulfate in succinic acid using anion chromatography with conductivity detection after chemical suppression.

Sample: Succinic acid
Sample Preparation: 0.2 g/L in ultrapure water, injection after inline neutralization using the 793 Sample Prep Module

Column: 6.1006.530 Metrosep A SUPP 5 – 250
Eluent: 3.2 mmol/L sodium carbonate,
 1.0 mmol/L sodium hydrogencarbonate
Suppressor: MSM (50 mmol/L H₂SO₄)
Neutralization: 793 (100 mmol/L NaOH, suprapur)
Flow: 0.7 mL/min
Injection Volume: 20 µL



Results:	Chloride mg/kg	Sulfate mg/kg
	51.5	68.8