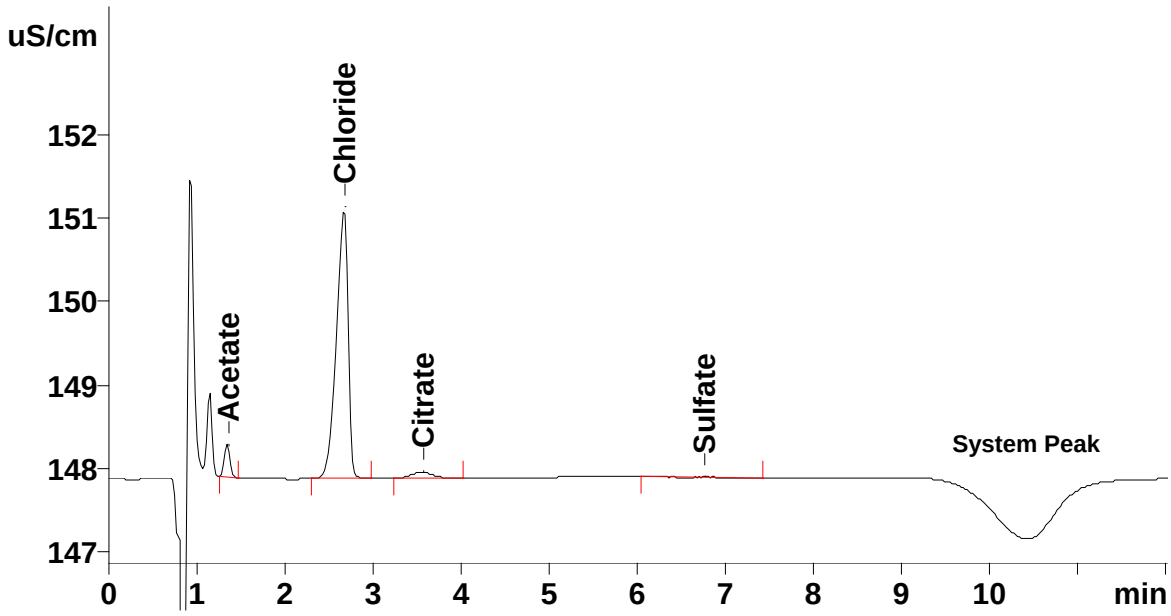
IC Application Note No. N-51

Title:	**Acetate, chloride, citrate and sulfate in a concentrate of an infusion solution containing amino acids and dipeptides**

***Summary*:**	Determination of acetate, chloride, citrate and sulfate in a concentrate of an infusion solution using anion chromatography with direct conductivity detection. Non-suppressed IC is used to avoid interferences by the amino acids.

Sample:	Concentrate of an infusion solution containing: 75 g/L amino acids, 30 g/L dipeptides, 1g/L citric acid
Sample Preparation:	Dilution 1 : 50 with eluent

Column:	6.1009.000 Super-Sep Anion
Eluent:	2.5 mmol/L phthalic acid, 2% acetonitrile pH = 4.2 (TRIS)
Flow:	1.5 mL/min
Injection Volume:	20 µL



Results:	Acetate g/L	Chloride g/L	Citrate g/L	Sulfate g/L
Sample	**2.710**	**1.600**	**1.095**	**n.q.**