

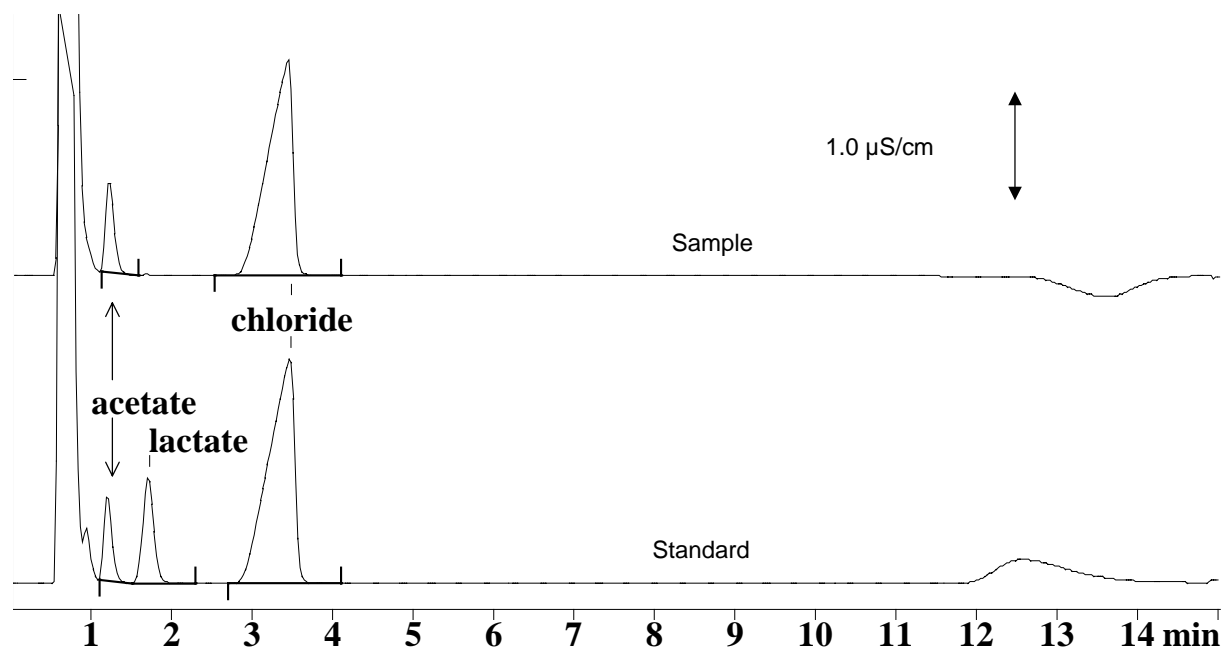
IC Application Note No. N-12

Title: Acetate, lactate and chloride in electrolyte solutions

Summary: Determination of acetate, lactate and chloride in electrolyte solutions using anion chromatography with direct conductivity detection.

Sample: Electrolyte solution
Sample Preparation: -

Column: 6.1009.000 SUPER-SEP Anion Column
Eluent: 1.5 mmol/L phthalic acid, 5 % acetonitrile, pH = 4.1 (TRIS)
Flow: 1.5 mL/min
Injection Volume: 100 μ L



Results:	acetate	lactate	chloride
Standard solution	25 mg/L	25 mg/L	40 mg/L
Sample	47.4 mEq/L	-	103.1 mEq/L