

# IC Application Note No. O-14

**Title:** Fluoride and organic acids in a plating bath

**Summary:** Determination of citrate, fluoride, lactate and acetate in a plating bath using ion exclusion chromatography with direct conductivity detection.

**Sample:** Plating bath

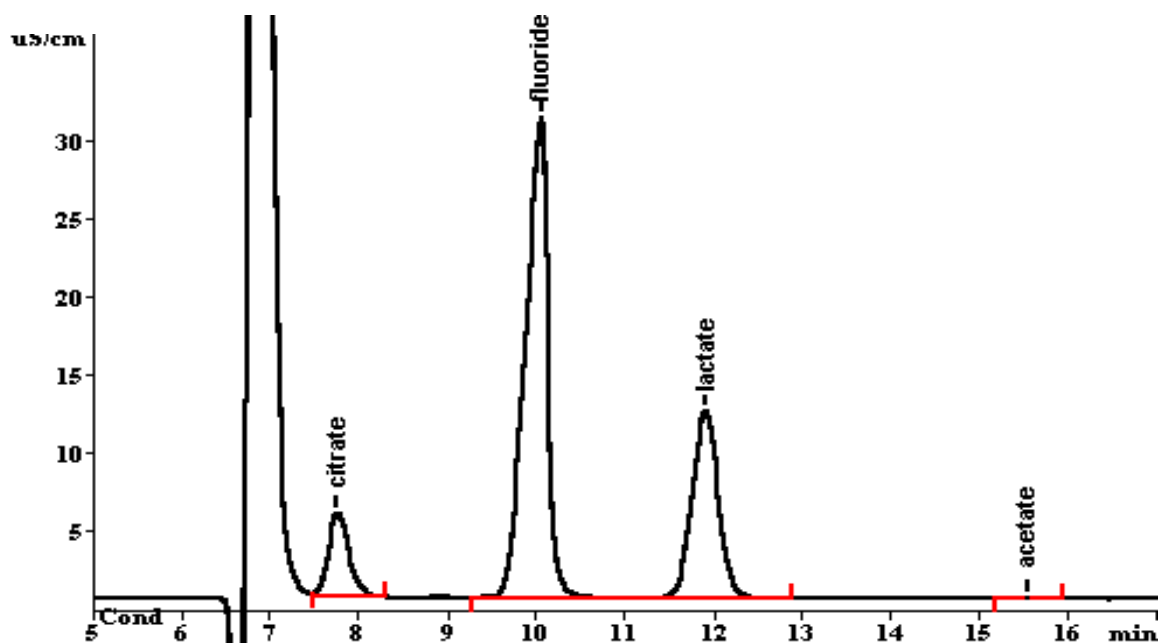
**Sample Preparation:** Dilution 1 : 1000 in eluent, injection through H<sup>+</sup> cartridge

**Column:** 6.1005.200 Metrosep Organic Acids

**Eluent:** 0.5 mmol/L H<sub>2</sub>SO<sub>4</sub>

**Flow:** 0.5 mL/min

**Injection Volume:** 20 µL



<b>Results:</b>	Citrate g/L	Fluoride g/L	Lactate g/L	Acetate g/L
	5.4	7.4	46.1	< 0.2