

IC Application Note No. S-210

Title: Oxalate and citrate in human urine

Summary: Determination of oxalate and citrate in human urine using anion chromatography with conductivity detection after chemical suppression.

Sample: Human urine

Sample Preparation: Dilution 1 : 25 in ultrapure water

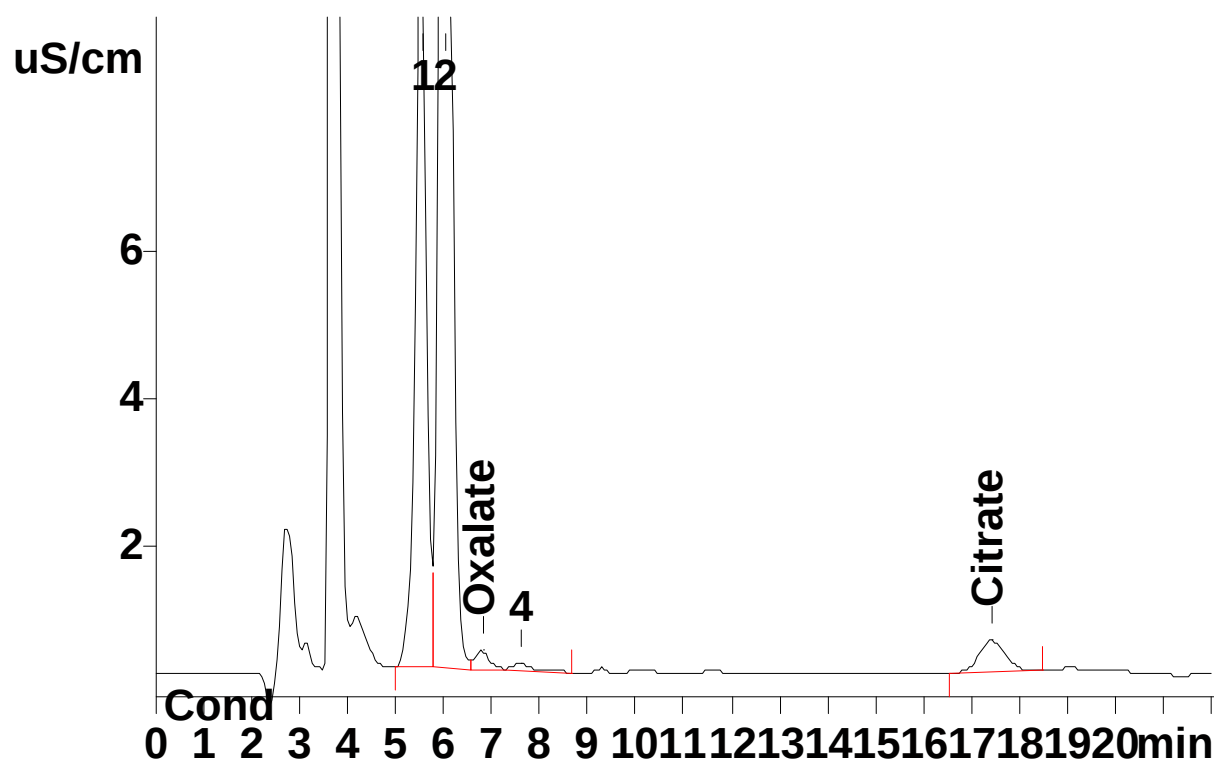
Column: 6.1006.430 Metrosep A Supp 4 – 250

Eluent: 5.0 mmol/L sodium carbonate
1.0 mmol/L sodium hydrogencarbonate

Suppressor: Metrohm Suppressor Module (MSM, 50 mmol/L sulfuric acid)

Flow: 1.0 mL/min

Injection Volume: 20 μ L



Results:	Oxalate mg/L	Citrate mg/L
	17.6	452