

IC Application Note No. O-24

Title: Citrate, ascorbate and acetate in a food additive

Summary: Determination of citrate, ascorbate and acetate in a food additive using ion exclusion chromatography with suppressed conductivity detection.

Sample: Additive for cooked sausages

Sample Preparation: 1 g of sample dissolved in 100 mL ultrapure water, further dilution 1:100

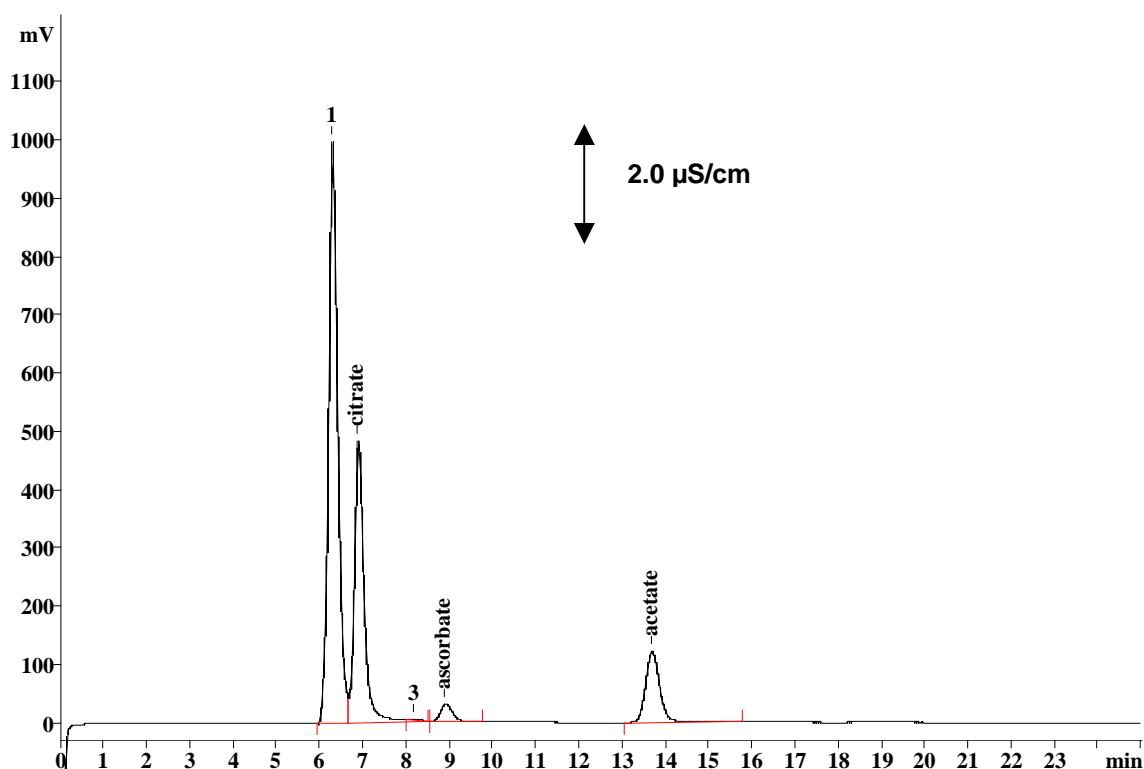
Column: 6.1005.200 Metrosep Organic Acids

Eluent: 0.5 mmol/L perchloric acid

Flow: 0.5 mL/min

Suppressor: MSM (10 mmol/L lithium chloride)

Injection Volume: 20 μ L



Results:	Citrate g/100 g	Ascorbate g/100 g	Acetate g/100 g
	19.56	6.85	7.66