

IC Application Note No. O-7

Title: Citric acid and ascorbic acid in vitamin tablets

Summary: Determination of citric acid and ascorbic acid in vitamin tablets using ion exclusion chromatography with direct conductivity detection.

Sample: Vitamin tablets

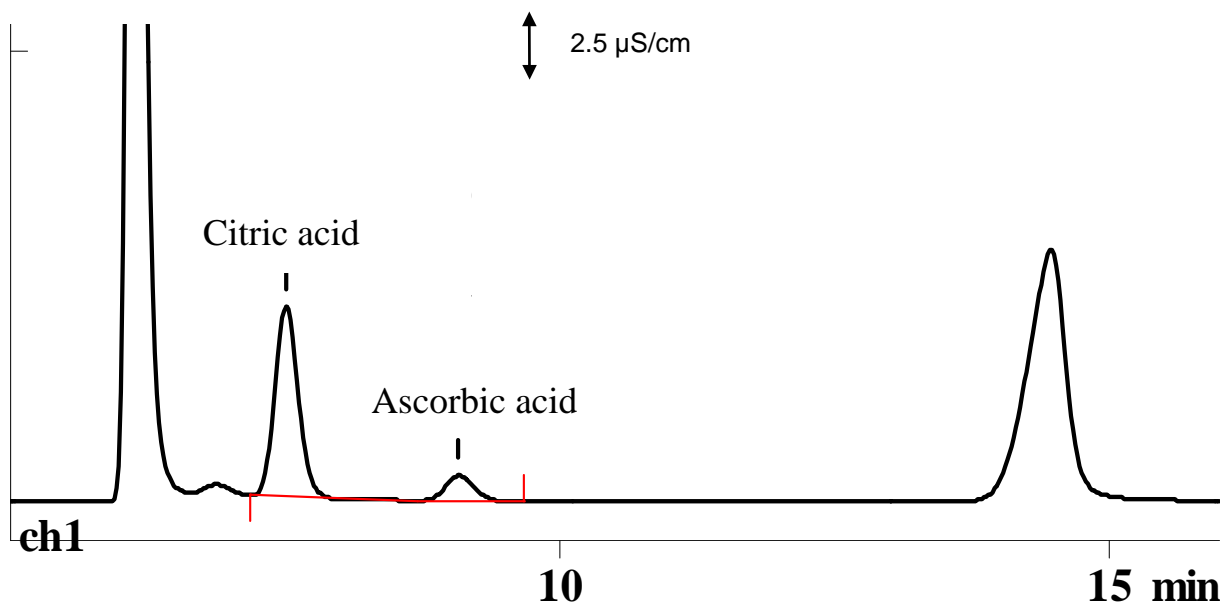
Sample Preparation: Tablet dissolved to a final dilution of 1 : 2500

Column: 6.1005.200 Metrosep Organic Acids

Eluent: 0.5 mmol/L H₂SO₄; 15 % acetone

Flow: 0.5 mL/min

Injection Volume: 100 µL



Results:	Citric acid g/kg	Ascorbic acid g/kg
	164	263