

IC Application Note No. O-9

Title: Organic acids and phosphate on the Metrosep Organic Acids column

Summary: Determination of organic acids and phosphate using ion exclusion chromatography with direct conductivity detection.

Sample: Standard

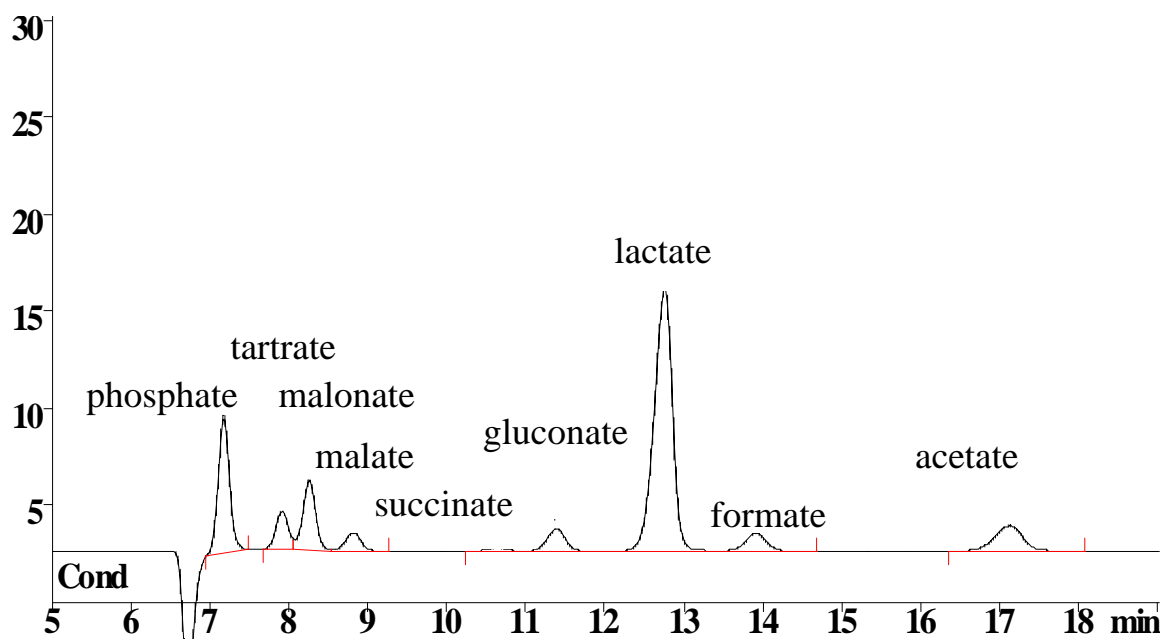
Sample Preparation:

Column: 6.1005.200 Metrosep Organic Acids

Eluent: 0.5 mmol/L H₂SO₄; 10 % acetone

Flow: 0.5 mL/min

Injection Volume: 20 µL



Results:	Phosphate mg/L	Tartrate, Malonate, Malate, Succinate, Gluconate, Lactate, Formate, Acetate mg/L
	10	10

Co-elution of gluconate and lactate