

IC Application Note No. S-118

Title: Formate, acetate, chloride, benzoate and oxalate in phenolic extracts

Summary: Determination of formate, acetate, chloride, benzoate and oxalate in phenolic extracts using anion chromatography with conductivity detection after chemical suppression.

Sample: Phenolic extracts

Sample Preparation: Dilution 1 : 20 in ultrapure water

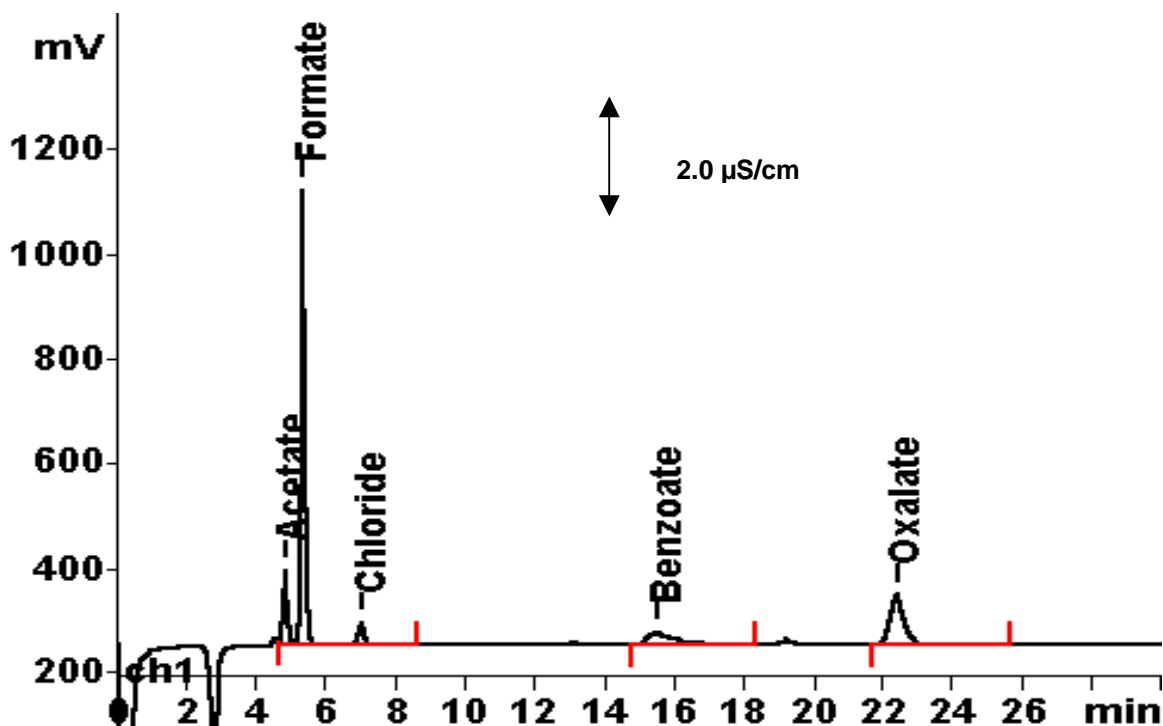
Column: 6.1006.520 Metrosep A SUPP 5-150

Eluent: 1.0 mmol/L sodium hydrogencarbonate,
3.2 mmol/L sodium carbonate

Suppressor: MSM (50 mmol/L H₂SO₄)

Flow: 0.8 mL/min

Injection Volume: 20 µL



Results:	Acetate mg/L	Formate mg/L	Chloride mg/L	Benzoate mg/L	Oxalate mg/L
	100.7	121.5	533.6	80.03	43.15