

IC Application Note No. O-22

Title: Seven organic acids in potato juice

Summary: Determination of acetic, propionic, isobutyric, butyric, isovaleric, valeric, and caproic acid in potato juice using ion exclusion chromatography with suppressed conductivity detection.

Sample: Potato juice

Sample Preparation: Dilution 1 : 25, injection through RP18 cartridge

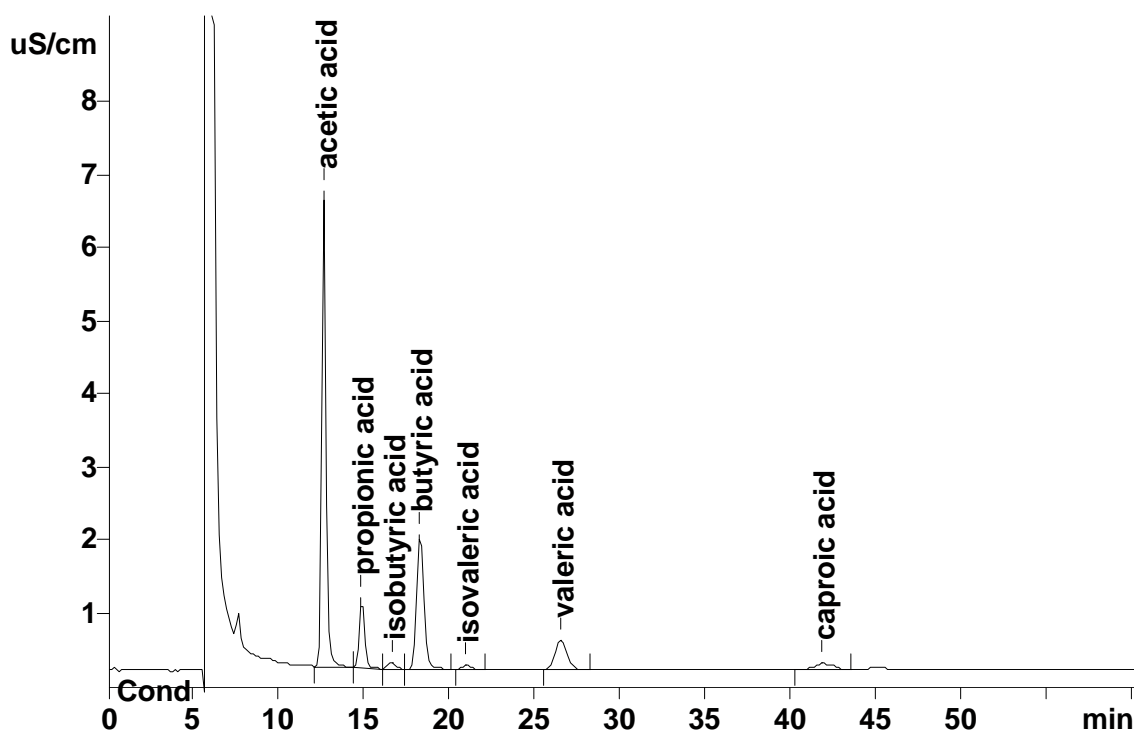
Column: 6.1005.200 Metrosep Organic Acids

Eluent: 0.5 mmol/L perchloric acid

Flow: 0.6 mL/min

Suppressor: MSM (10 mmol/L lithium chloride)

Injection Volume: 20 µL



Results:	Acetic mg/L	Propionic mg/L	Isobutyric mg/L	Butyric mg/L	Isovaleric mg/L	Valeric mg/L	Caproic mg/L
	3177	987.1	159.8	2917	117.0	1363	524.4