

IC Application Note No. S-195

Title: Anions and organic acids with high pressure gradient

Summary: Determination of 21 anions and organic acids using anion chromatography with conductivity detection after chemical suppression and applying a high pressure gradient.

Sample: Standard

Sample Preparation: –

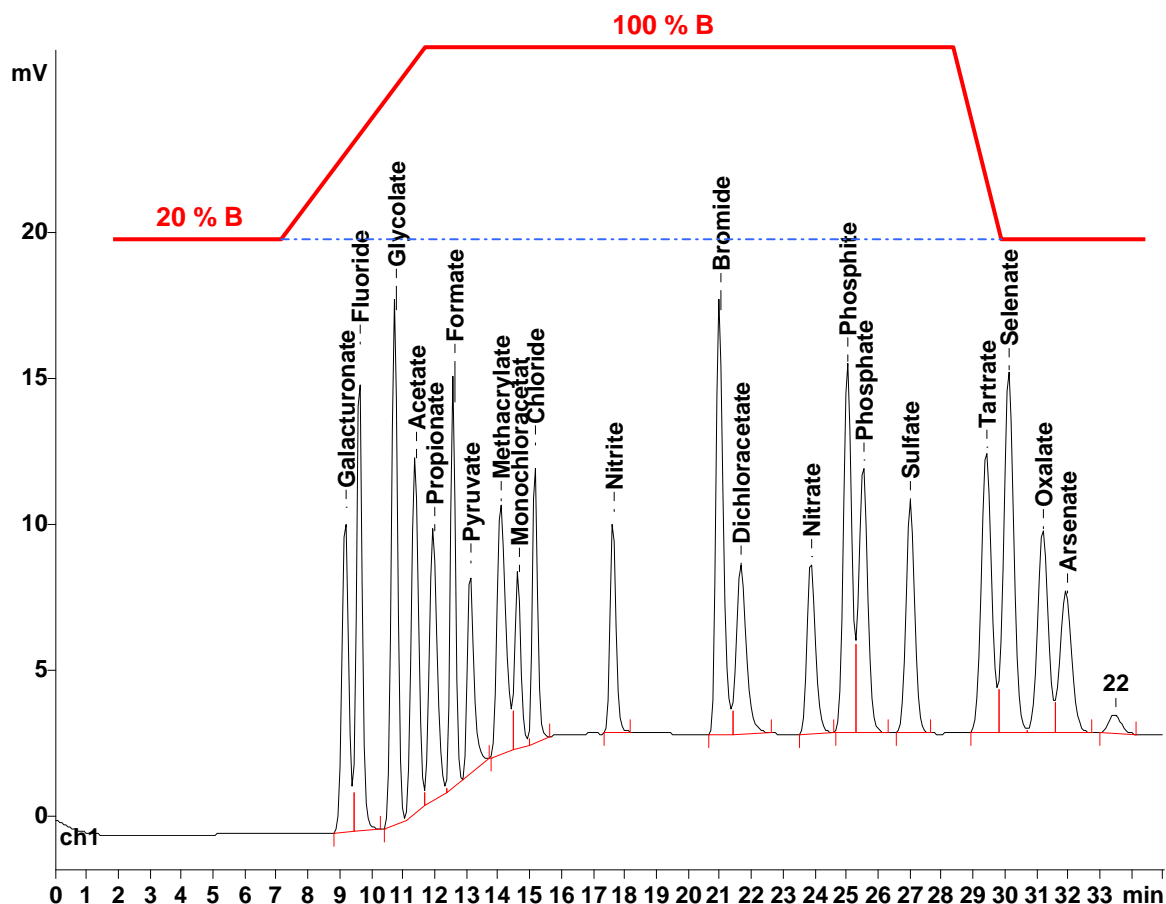
Column: 6.1006.630 Metrosep A Supp 7 (at 35 °C)

Eluent: A: ultrapure water
B: 5 mmol/L sodium carbonate

Suppressor: Metrohm Dual Suppressor

Flow: 0.7 mL/min

Injection Volume: 20 µL



Anion	mg/L
galacturonate	10
fluoride	1
glycolate	5
acetate	5
propionate	5
formate	2
pyruvate	5
methacrylate	5
monochloroacetate	2
chloride	1
nitrite	2
bromide	5
dichloroacetate	5
nitrate	2
phosphite	5
phosphate	5
sulfate	2
tartrate	5
selenate	5
oxalate	2
arsenate	5