

IC Application Note No. N-43

Title: Sulfate in citric acid

Summary: Determination of sulfate in citric acid using anion chromatography with direct conductivity detection.

Sample: Citric acid solutions (w = 30 -40 %)

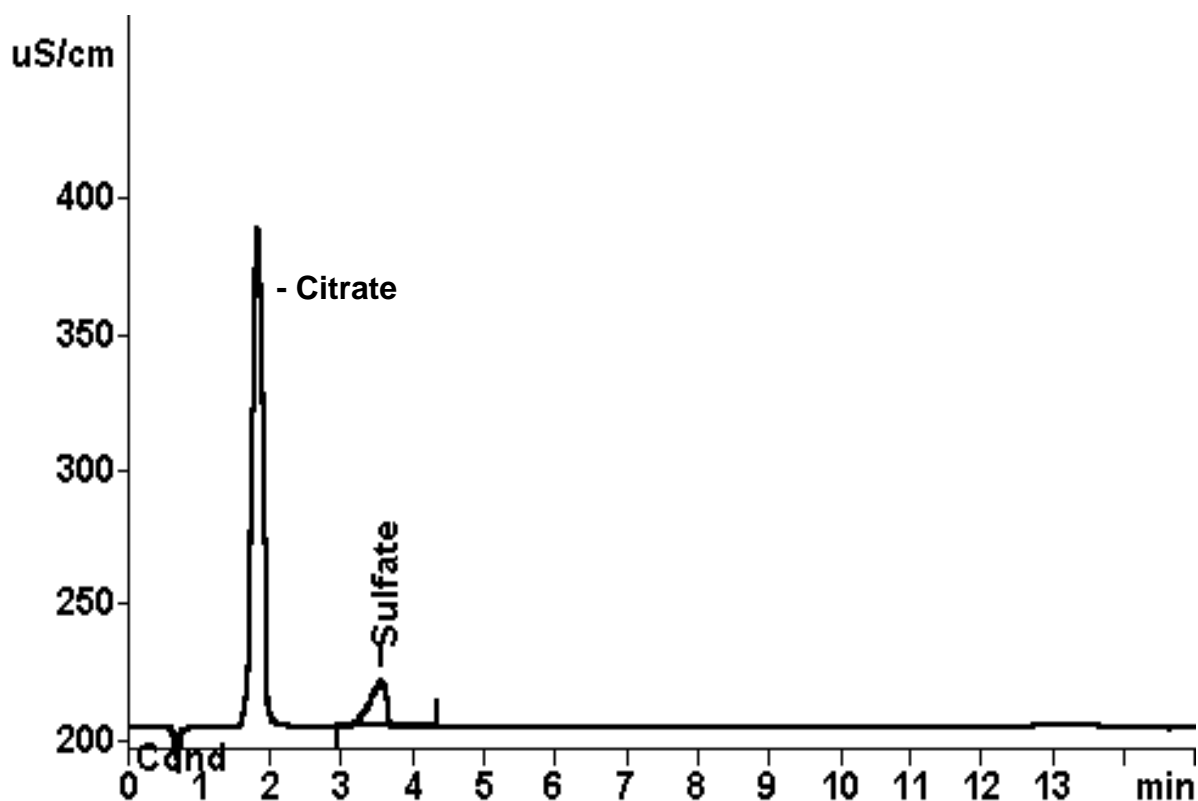
Sample Preparation: Dilution 1 : 100 in ultrapure water

Column: 6.1005.100 Phenomenex Starlon A300

Eluent: 1 mmol/L Phthalic acid

Flow: 1.5 mL/min

Injection Volume: 20 μ L



Results:

Citrate
mg/L

Sulfate
mg/L

n.q.

6010