

IC Application Note No. S-246

Title: Sulfate in methanedisulfonic acid

Summary: Determination of sulfate in methanedisulfonic acid using anion chromatography with conductivity detection after sequential suppression.

Sample: Methanedisulfonic acid

Sample Preparation: Dilution 1 : 1000 with ultrapure water

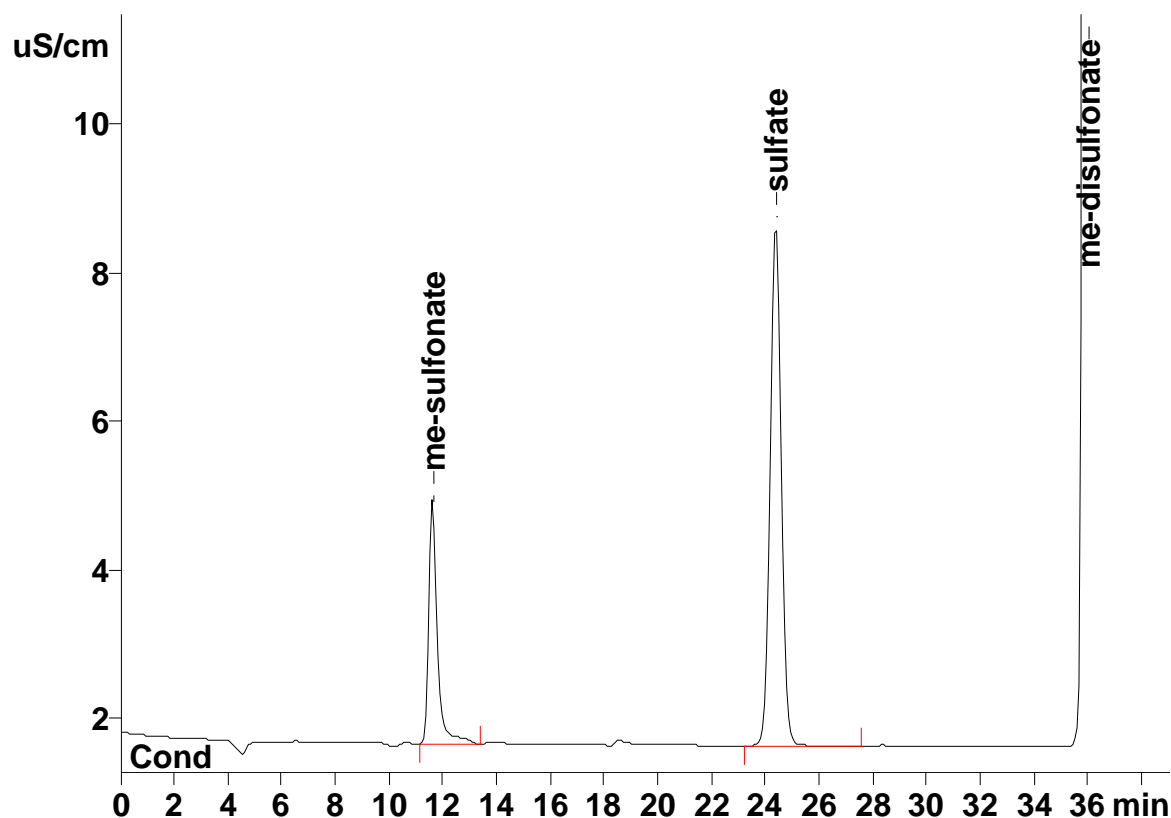
Column: 6.1006.530 Metrosep A Supp 5 – 250

Eluent: 3.2 mmol/L sodium carbonate
1.0 mmol/L sodium hydrogen carbonate

Suppressor: Sequential suppression: MSM (50 mmol/L H₂SO₄), MCS

Flow: 0.7 mL/min

Injection Volume: 100 µL



Results:	Methanesulfonate	Sulfate g/L	Methanedisulfonate
	n.q.	2.57	n.q.