

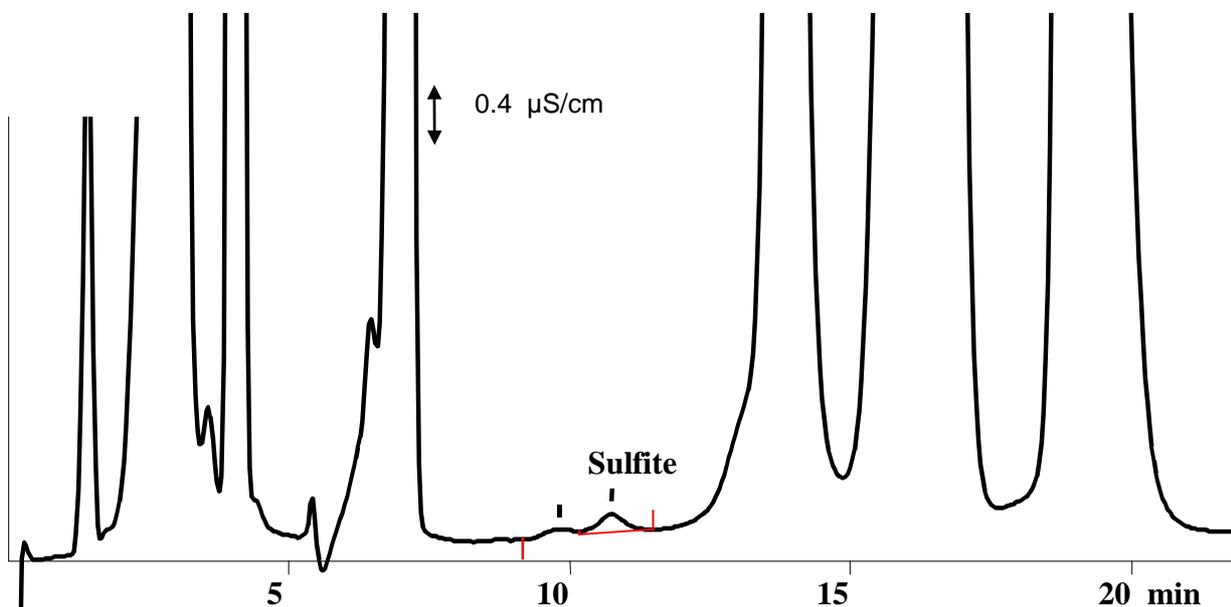
# IC Application Note No. S-95

**Title:** Sulfite in ginger powder using dialysis for sample preparation

**Summary:** Determination of sulfite in ginger powder using anion chromatography with conductivity detection after chemical suppression and dialysis for sample preparation.

**Sample:** Ginger powder  
**Sample Preparation:** 2.5 g of sample extracted in 50 mL 1 mmol/L NaOH (100  $\mu$ L formaldehyde (37%) added for sulfite stabilization); injection using 754 Dialysis Unit

**Column:** 6.1006.100 Metrosep Anion Dual 2  
**Eluent:** 2.0 mmol/L sodium hydrogencarbonate, 1.3 mmol/L sodium carbonate, 20 % acetone  
**Suppressor:** Metrohm Suppressor Module (MSM, 50 mmol/L H<sub>2</sub>SO<sub>4</sub>)  
**Flow:** 0.8 mL/min  
**Injection Volume:** 20  $\mu$ L after dialysis



<b>Results:</b>	Sulfite mg/kg
	<b>26.6</b>