

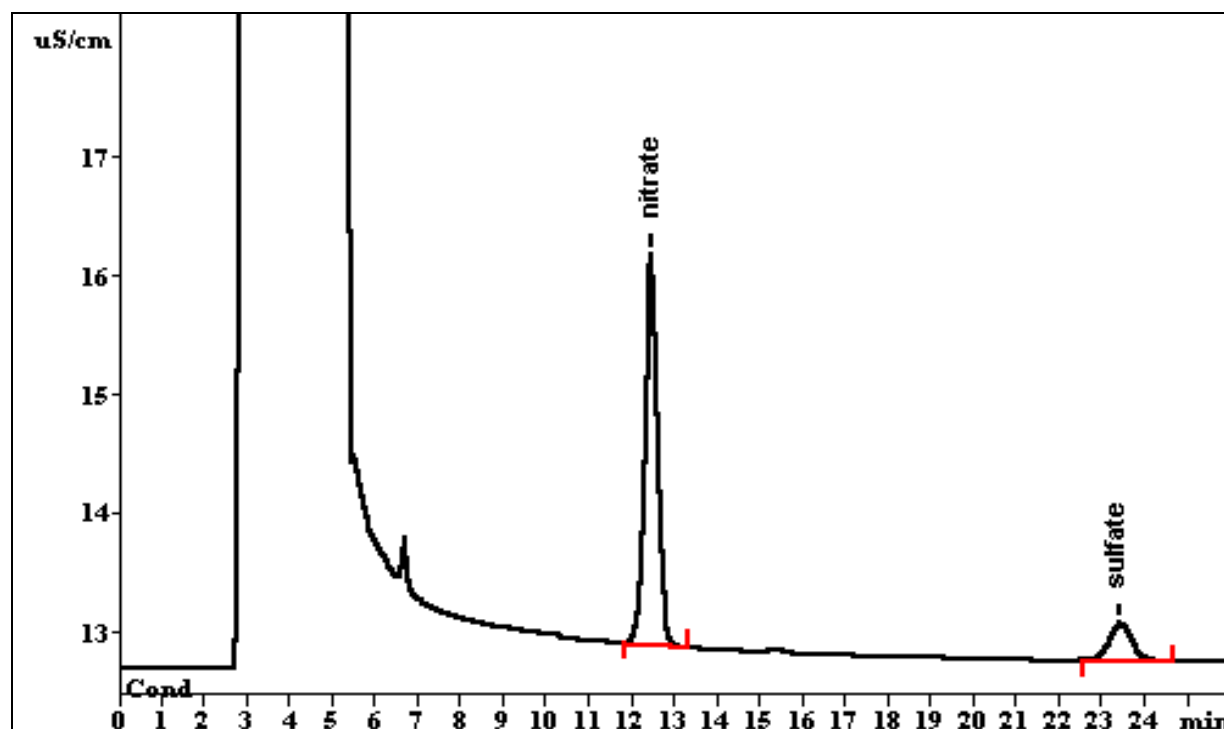
IC Application Note No. S-104

Title:	Determination of anions in sodium phosphinate (sodium hypophosphite)
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Summary:	Determination of nitrate and sulfate in sodium phosphinate (sodium hypophosphite) using anion chromatography with conductivity detection after chemical suppression.
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Sample:	Sodium phosphinate
Sample Preparation:	1 g of sample dissolved in 50 mL ultrapure water

Column:	6.1005.300 Metrosep A Supp 1
Eluent:	3 mmol/L sodium carbonate
Suppressor:	Metrohm Suppressor Module (MSM, 50 mmol/L H ₂ SO ₄)
Flow:	1.0 mL/min
Injection Volume:	20 µL



Results:	Nitrate mg/kg	Sulfate mg/kg
	662	80.1