

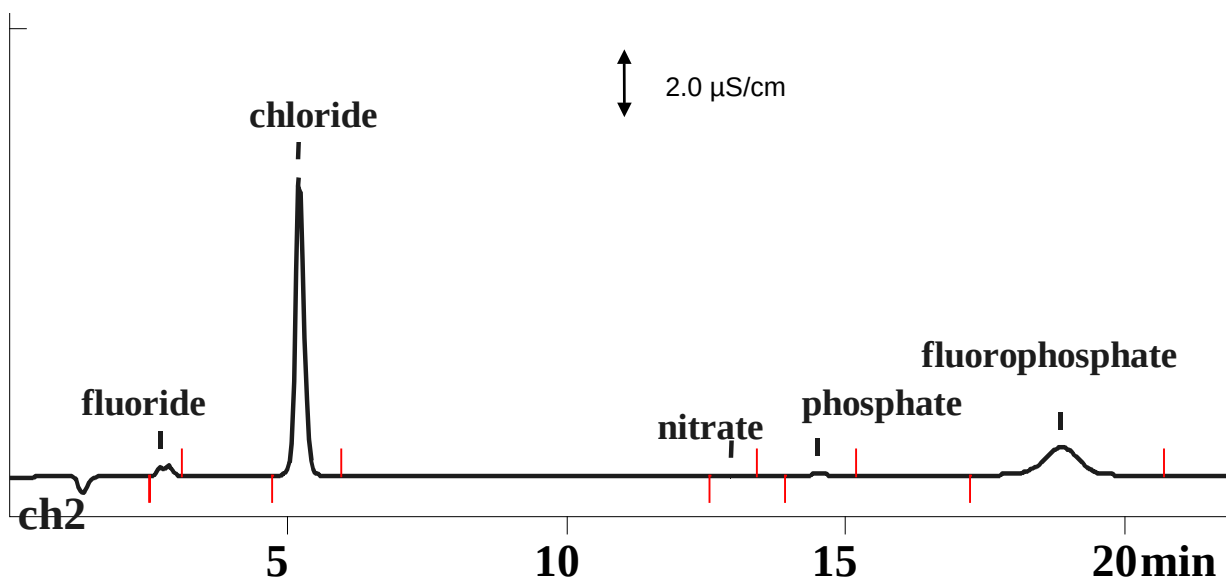
IC Application Note No. S-75

Title:	Five anions in glutamine monofluorophosphate
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Summary:	Determination of fluoride, chloride, phosphate and monofluorophosphate in glutamine monofluorophosphate using anion chromatography with conductivity detection after chemical suppression.
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Sample:	Glutamine monofluorophosphate
Sample Preparation:	100 mg of sample dissolved in 1 L ultra pure water

Column:	6.1006.100 Metrosep Anion Dual 2
Eluent:	2.0 mmol/L sodium hydrogencarbonate, 1.3 mmol/L sodium carbonate
Suppressor:	Metrohm Suppressor Module (MSM, 50 mmol/L H ₂ SO ₄)
Flow:	0.8 mL/min
Injection Volume:	20 µL



Results:	Fluoride mg/g	Chloride mg/g	Nitrate mg/g	Phosphate mg/g	Fluorophosphate mg/g
	1.8	125.6	0.4	4.2	169.5