

IC Application Note No. N-45

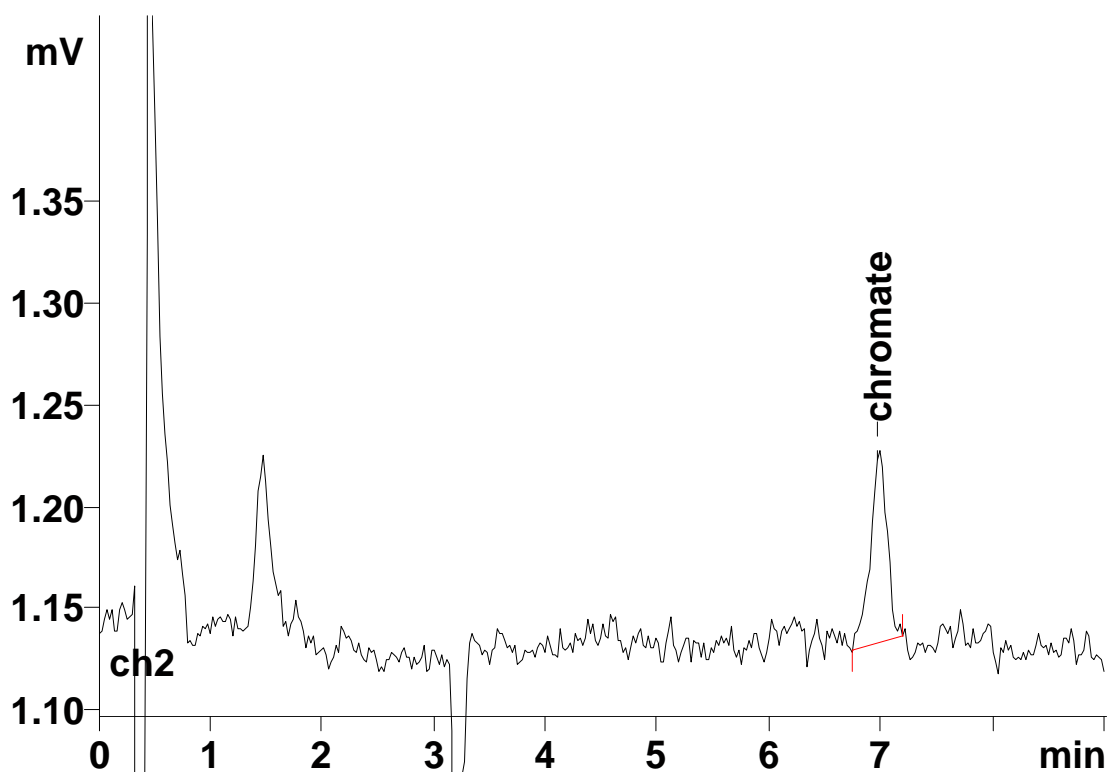
Title: Chromate using post column reaction

Summary: Determination of chromate using anion chromatography with post column reaction and UV/Vis detection.

Sample: Standard solution

Sample Preparation:

Column: 6.1006.510 Metrosep A SUPP 5-100
Eluent: 4.0 mmol/L sodium hydrogencarbonate, 12.8 mmol/L sodium carbonate
PCR: 0.5 g/L diphenylcarbohydrazide (DPC), 10% methanol, 0.5 mol/L sulfuric acid
Flow: 0.7 mL/min
Injection Volume: 1000 μ L



Results:	Chromate μ g/L
	0.05