

IC Application Note No. U-18

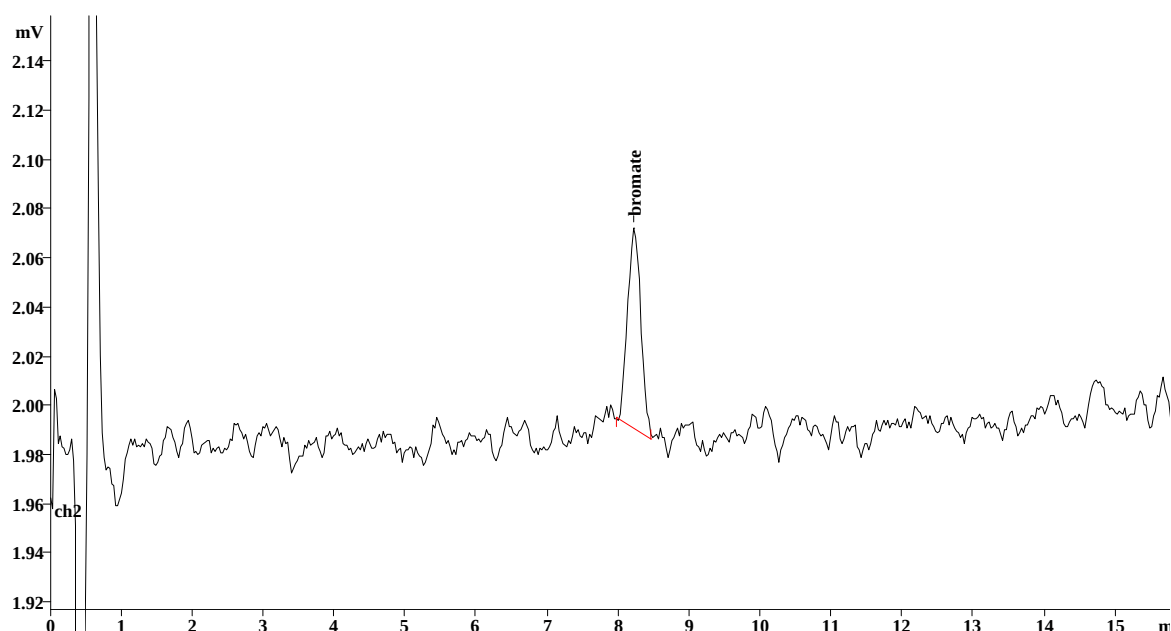
Title:	Bromate determination using post column reaction (o-dianisidine method)
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Summary:	Determination of bromate in water using anion chromatography with UV/VIS detection after post column reaction (PCR) with o-dianisidine reagent (described in EPA 317.0)
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Sample:	Standard
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Sample Preparation:	–
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Column:	6.1006.530 Metrosep A SUPP 5 – 250	
Wavelength:	450 nm	
Eluent:	1.0 mmol/L sodium hydrogen carbonate 3.2 mmol/L sodium carbonate	
Suppressor:	Metrohm Suppressor Module (MSM, 50 mmol/L H ₂ SO ₄)	
Flow:	0.7 mL/min	
PCR Flow:	0.5 mL/min	Temperature: 75 °C
Injection Volume:	100 µL	



Results:	Bromate µg/L
	1.0