

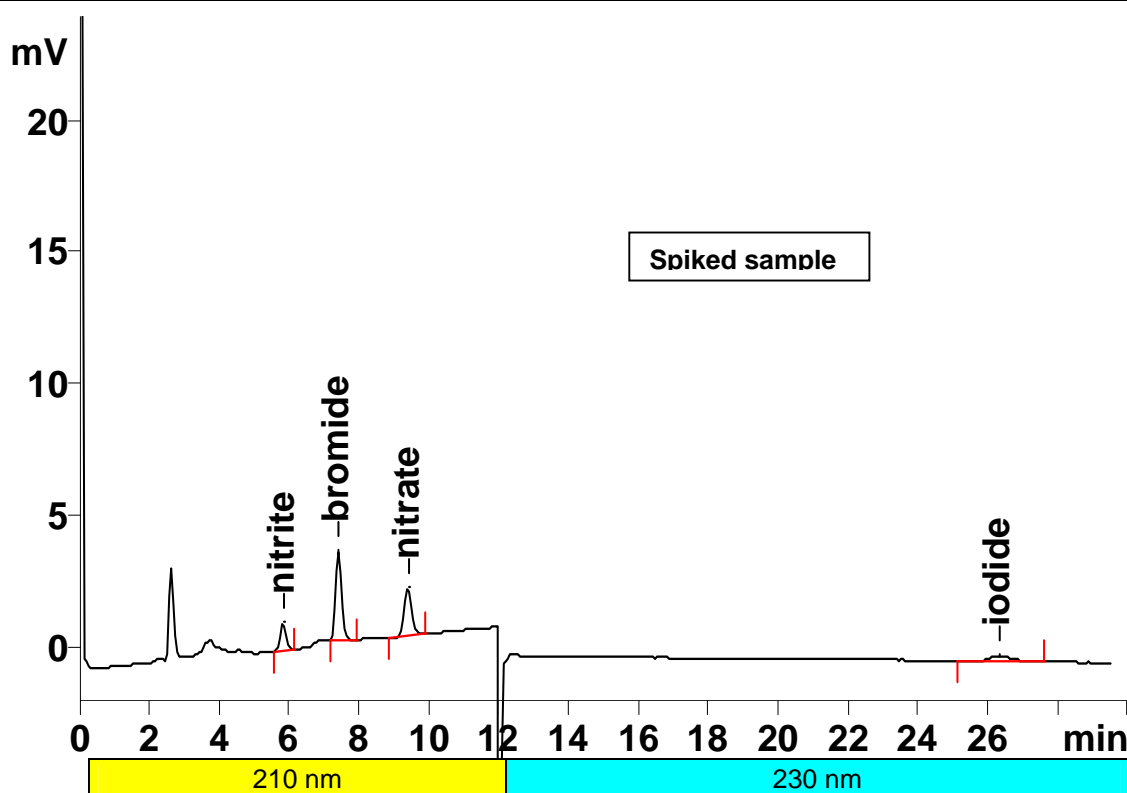
IC Application Note No. U-23

Title: Nitrite, bromide, nitrate and iodide in 10 g/L sodium chloride with UV detection

Summary: Determination of nitrite, bromide, nitrate and iodide in 10 g/L sodium chloride using anion chromatography with UV detection.

Sample: 10 g/L sodium chloride
Sample Preparation: None

Column: 6.1006.530 Metrosep A Supp 5 – 250
Wavelength: 210, 230 nm
Eluent: 10 g/L sodium chloride (suprapur)
Flow: 0.7 mL/min
Injection Volume: 100 µL



Results:	Nitrite µg/L	Bromide µg/L	Nitrate µg/L	Iodide µg/L
Sample	< 10	90.6	10.2	n.d.
Spiked sample (10 µg/L)	11.9	99.5	21.5	9.1