

IC Application Note No. U-12

Title: Trace iodide in bottled water applying anion chromatography with UV/VIS detection

Summary: Determination of traces of iodide in bottled water applying anion chromatography with UV/VIS detection.

Sample: Bottled water

Sample Preparation: –

Column: 6.1006.430 Metrosep A Supp 4 – 250

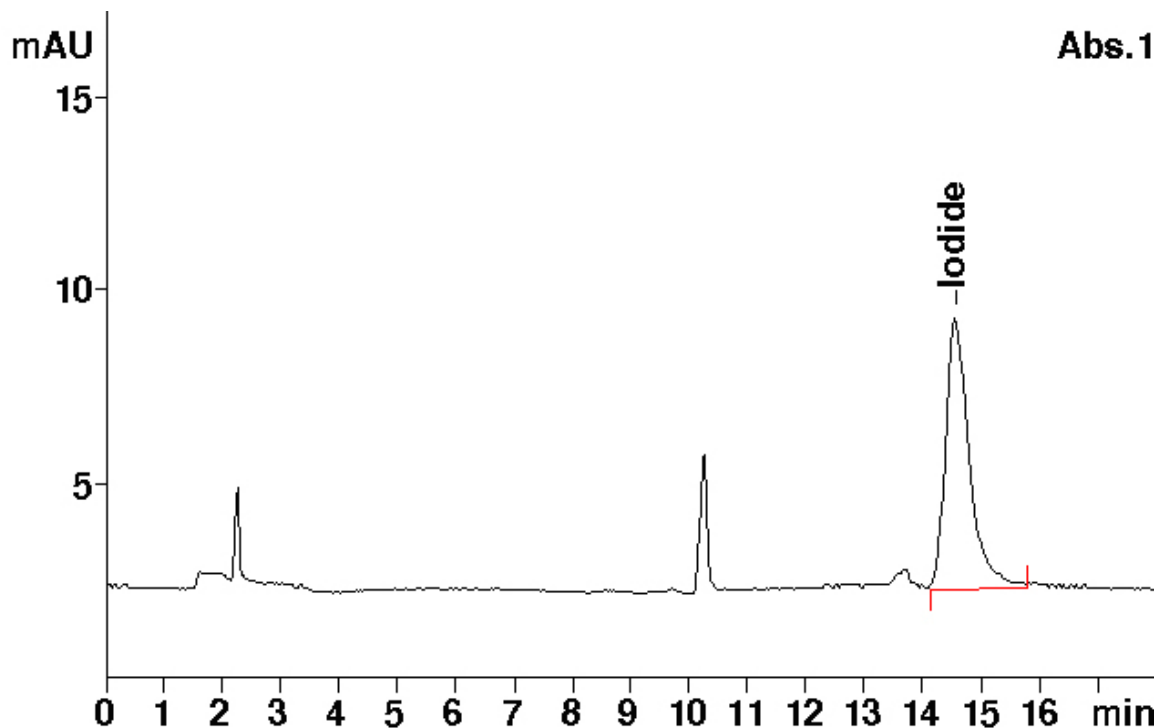
Wavelength: 220 nm

Eluent: 1.8 mmol/L sodium carbonate
1.7 mmol/L sodium hydrogencarbonate

Suppressor: Metrohm Suppressor Module (MSM, 50 mmol/L sulfuric acid)

Flow: 1.5 mL/min

Injection Volume: 750 µL



Results:

	Iodide µg/L
Mean (N = 6)	61.6
RSD / recovery	0.58 % / 99.84 %