

IC Application Note No. U-44

Title: Arsenite and arsenate in process water

Summary: Determination of arsenite and arsenate in process water using ion exclusion chromatography with UV detection.

Sample: Process water

Sample Preparation: Dilution 1:100 in eluent

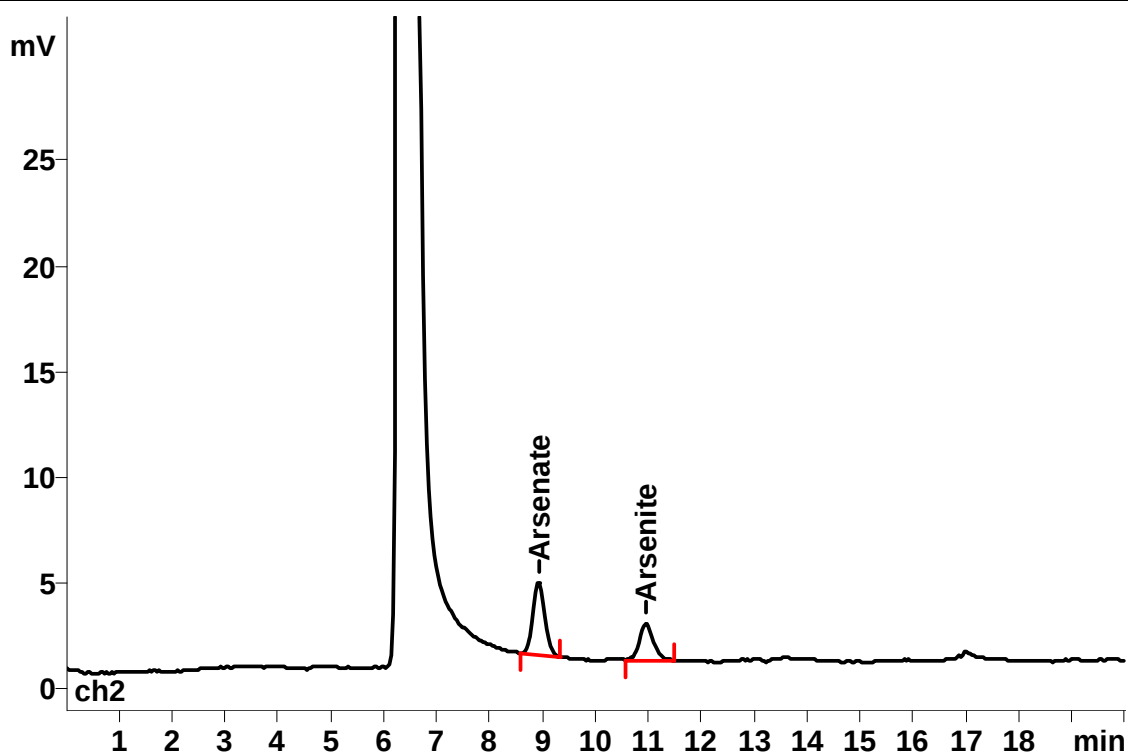
Column: 6.1005.200 Metrosep Organic Acids – 250

Wavelength: 195 nm

Eluent: 100 mmol/L sulfuric acid

Flow: 0.6 mL/min

Injection Volume: 100 μ L



Results:	Arsenate As(V) mg/L	Arsenite As(III) mg/L
	93	13