



NQAC

Nestlé Quality Assurance Center
Dublin

Technical Datasheet

Analysis Name: Metals in Drinking Water by ICP-OES

Method Number: EPA 200.7-WI

Scope of Application: This method describes the determination of calcium, iron, potassium, magnesium, sodium, phosphorus, and silica by ICP-OES in drinking water.

Description: Samples are ionized through inductively coupled argon plasma and the element emission rays' position and intensity are measured.

Sample Weight Required: 500 mL

Method Reference: EPA 200.7, Note NQAC Dublin is not EPA certified.

Analytical Platform: ICP-OES

Special Information: Indicate each element required.
Additional sample preparation charges may apply.

Analyte Reported	Alias	Quantitation Limit
Calcium	Ca	0.1 mg/L
Iron	Fe	0.05 mg/L
Magnesium	Mg	0.1 mg/L
Potassium	K	0.1 mg/L
Phosphorous	P	0.1 mg/L
Sodium	Na	0.2 mg/L
Silica	Si	1.0 mg/L