

## Analytical Method Information

Analyte	MDL	Reporting Limit	Surrogate %R	Duplicate RPD	Matrix Spike %R	Matrix Spike RPD	Blank Spike / LCS %R	Blank Spike / LCS RPD
<b>Ca Total ICP 200.7 in Water (EPA 200.7)</b>								
Preservation: Add HNO <sub>3</sub> to pH<2								
Container: 500 mL Poly HNO <sub>3</sub>								
Amount Required: 500ml								
Hold Time: 180 days								
Calcium	0.030	1.0 mg/l		20	70 - 130	20	85 - 115	20
<b>Mg Total ICP 200.7 in Water (EPA 200.7)</b>								
Preservation: Add HNO <sub>3</sub> to pH<2								
Container: 500 mL Poly HNO <sub>3</sub>								
Amount Required: 500ml								
Hold Time: 180 days								
Magnesium	0.030	1.0 mg/l		20	70 - 130	20	85 - 115	20
<b>Na Total ICP 200.7 in Water (EPA 200.7)</b>								
Preservation: Add HNO <sub>3</sub> to pH<2								
Container: 500 mL Poly HNO <sub>3</sub>								
Amount Required: 500ml								
Hold Time: 180 days								
Sodium	0.0050	1.0 mg/l		20	70 - 130	20	85 - 115	20
<b>SAR Calculation in Water (SAR)</b>								
Preservation: Store cool at 4°C								
Container: Other								
Amount Required: 1000ml								
Hold Time: 180 days								
Sodium Adsorption Ratio								