

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 HNO3 to pH<2                  |       |                 |              |               |                 |                  |                      |                       |
| Container: 500 mL Poly HNO3                     |       |                 |              |               |                 |                  |                      |                       |
| Amount Required: 500ml                          |       |                 |              |               |                 |                  |                      |                       |
| Hold Time: 180 days                             |       |                 |              |               |                 |                  |                      |                       |
| Calcium   | 0.030 | 1.0 mg/l        |              | 20            | 70 - 130        | 20               | 85 - 115             | 20                    |
| <b>Hardness Calc SM2340B in Water (SM2340B)</b> |       |                 |              |               |                 |                  |                      |                       |
| Preservation: Add HNO3 to pH<2                  |       |                 |              |               |                 |                  |                      |                       |
| Container: 250 mL Poly HNO3                     |       |                 |              |               |                 |                  |                      |                       |
| Amount Required: 250ML                          |       |                 |              |               |                 |                  |                      |                       |
| Hold Time: 180 days                             |       |                 |              |               |                 |                  |                      |                       |
| Hardness, Total                                 | 1.00  | 5.00 mg/l       |              | 20            |                 |                  |                      |                       |
| <b>Mg Total ICP 200.7 in Water (EPA 200.7)</b>  |       |                 |              |               |                 |                  |                      |                       |
| Preservation: Add HNO3 to pH<2                  |       |                 |              |               |                 |                  |                      |                       |
| Container: 500 mL Poly HNO3                     |       |                 |              |               |                 |                  |                      |                       |
| Amount Required: 500ml                          |       |                 |              |               |                 |                  |                      |                       |
| Hold Time: 180 days                             |       |                 |              |               |                 |                  |                      |                       |
| Magnesium                                       | 0.030 | 1.0 mg/l        |              | 20            | 70 - 130        | 20               | 85 - 115             | 20                    |