



### Analytical Method Information

| Analyte                                                             | CAS # | DL                          | LOQ / RL                    | Surrogate<br>%R             | Duplicate<br>RPD | Matrix Spike<br>%R | Blank Spike / LCS<br>%R | RPD |
|---------------------------------------------------------------------|-------|-----------------------------|-----------------------------|-----------------------------|------------------|--------------------|-------------------------|-----|
| <b>Alkalinity, Total SM 2320 B (SM 2320 B-11) in Water</b>          |       |                             |                             |                             |                  |                    |                         |     |
| Preservation: Cool <6°C                                             |       |                             |                             |                             |                  |                    |                         |     |
| Container: HDPE NM, 500 mL, No Headspace                            |       |                             |                             |                             |                  |                    |                         |     |
| Minimum Sample Volume: 500 mL                                       |       |                             |                             |                             |                  |                    |                         |     |
| Hold Time: 14 days                                                  |       |                             |                             |                             |                  |                    |                         |     |
| Alkalinity, Total                                                   |       | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 20               |                    | 90 - 110                | 20  |
| <b>Alkalinity, Total SM 2320 B (SM 2320 B-11) in Drinking Water</b> |       |                             |                             |                             |                  |                    |                         |     |
| Preservation: Cool <6°C                                             |       |                             |                             |                             |                  |                    |                         |     |
| Container: HDPE NM, 500 mL, No Headspace                            |       |                             |                             |                             |                  |                    |                         |     |
| Minimum Sample Volume: 500 mL                                       |       |                             |                             |                             |                  |                    |                         |     |
| Hold Time: 14 days                                                  |       |                             |                             |                             |                  |                    |                         |     |
| Alkalinity, Total                                                   |       | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 20               |                    | 90 - 110                | 20  |



### Analytical Method Information

| Analyte                                                                   | CAS # | DL                          | LOQ / RL                    | Surrogate<br>%R             | Duplicate<br>RPD | Matrix Spike<br>%R | Matrix Spike<br>RPD | Blank Spike / LCS<br>%R | Blank Spike / LCS<br>RPD |
|---------------------------------------------------------------------------|-------|-----------------------------|-----------------------------|-----------------------------|------------------|--------------------|---------------------|-------------------------|--------------------------|
| <b>Alkalinity, Bicarbonate SM 2320 B (SM 2320 B-11) in Water</b>          |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Preservation: Cool <6°C                                                   |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Container: HDPE NM, 500 mL, No Headspace                                  |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Minimum Sample Volume: 500 mL                                             |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Hold Time: 14 days                                                        |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Alkalinity, Bicarbonate                                                   |       | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 20               |                    |                     |                         |                          |
| <b>Alkalinity, Bicarbonate SM 2320 B (SM 2320 B-11) in Drinking Water</b> |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Preservation: Cool <6°C                                                   |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Container: HDPE NM, 500 mL, No Headspace                                  |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Minimum Sample Volume: 500 mL                                             |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Hold Time: 14 days                                                        |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Alkalinity, Bicarbonate                                                   |       | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 20               |                    |                     |                         |                          |



**Analytical Method Information**

| Analyte                                                                 | CAS # | DL                          | LOQ / RL                    | Surrogate<br>%R             | Duplicate<br>RPD | Matrix Spike<br>%R | Matrix Spike<br>RPD | Blank Spike / LCS<br>%R | Blank Spike / LCS<br>RPD |
|-------------------------------------------------------------------------|-------|-----------------------------|-----------------------------|-----------------------------|------------------|--------------------|---------------------|-------------------------|--------------------------|
| <b>Alkalinity, Carbonate SM 2320 B (SM 2320 B-11) in Water</b>          |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Preservation: Cool <6°C                                                 |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Container: HDPE NM, 500 mL, No Headspace                                |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Minimum Sample Volume: 500 mL                                           |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Hold Time: 14 days                                                      |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Alkalinity, Carbonate                                                   |       | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 20               |                    |                     |                         |                          |
| <b>Alkalinity, Carbonate SM 2320 B (SM 2320 B-11) in Drinking Water</b> |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Preservation: Cool <6°C                                                 |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Container: HDPE NM, 500 mL, No Headspace                                |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Minimum Sample Volume: 500 mL                                           |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Hold Time: 14 days                                                      |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Alkalinity, Carbonate                                                   |       | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 20               |                    |                     |                         |                          |



### Analytical Method Information

| Analyte                                                                 | CAS # | DL                          | LOQ / RL                    | Surrogate<br>%R             | Duplicate<br>RPD | Matrix Spike<br>%R | Matrix Spike<br>RPD | Blank Spike / LCS<br>%R | Blank Spike / LCS<br>RPD |
|-------------------------------------------------------------------------|-------|-----------------------------|-----------------------------|-----------------------------|------------------|--------------------|---------------------|-------------------------|--------------------------|
| <b>Alkalinity, Hydroxide SM 2320 B (SM 2320 B-11) in Water</b>          |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Preservation: Cool <6°C                                                 |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Container: HDPE NM, 500 mL, No Headspace                                |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Minimum Sample Volume: 500 mL                                           |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Hold Time: 14 days                                                      |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Alkalinity, Hydroxide                                                   |       | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 20               |                    |                     |                         |                          |
| <b>Alkalinity, Hydroxide SM 2320 B (SM 2320 B-11) in Drinking Water</b> |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Preservation: Cool <6°C                                                 |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Container: HDPE NM, 500 mL, No Headspace                                |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Minimum Sample Volume: 500 mL                                           |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Hold Time: 14 days                                                      |       |                             |                             |                             |                  |                    |                     |                         |                          |
| Alkalinity, Hydroxide                                                   |       | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 1.00 mg/L CaCO <sub>3</sub> | 20               |                    |                     |                         |                          |