




Alkalinity


ALKALINITY TEST PROCEDURE


- Fill the titration tube (0547) to the 5 mL line with the sample water.



- Add one BCG-MR Indicator Tablet (T2311).



- Cap and mix until tablet dissolves. Solution will turn blue-green.


- Fill Direct Reading Titrator (0382) with *Alkalinity Titration Reagent B (4493).


- Insert the Titrator into the center hole of the test tube cap.


- While gently swirling the tube, slowly press the plunger to titrate until the solution color changes from blue-green to purple. Consult Alkalinity Endpoint Color Chart (4491-CC).


- Read the test result where the plunger tip meets the Titrator scale. Record as ppm Total Alkalinity in ppm Calcium Carbonate (CaCO₃).



NOTE:
If the plunger tip reaches the bottom line on the scale (200 ppm) before the endpoint color change occurs, refill the Titrator and continue the titration.
When recording the test result, be sure to include the value of the original amount of reagent dispensed (200 ppm).

Result = 50 ppm



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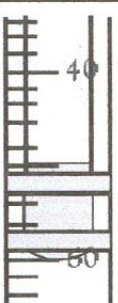

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