





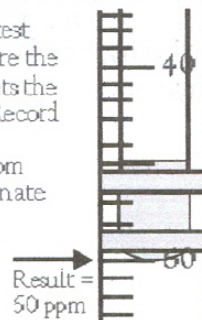


ALKALINITY TEST PROCEDURE

<p>1.</p> <p>Fill the titration tube (0547) to the 5 mL line with the sample water.</p> 	<p>2.</p> <p>Add one BCG-MR Indicator Tablet (T2311).</p> 	<p>3.</p> <p>Cap and mix until tablet dissolves. Solution will turn blue-green.</p> 	
<p>4.</p> <p>Fill Direct Reading Titrator (0382) with *Alkalinity Titration Reagent B (4493).</p> 	<p>5.</p> <p>Insert the Titrator into the center hole of the test tube cap.</p> 	<p>6. 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).</p> 	
<p>7. Read the test result where the plunger tip meets the Titrator scale. Record as ppm Total Alkalinity in ppm Calcium Carbonate (CaCO₃).</p> 			<p>NOTE:</p> <p>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.</p> <p>When recording the test result, be sure to include the value of the original amount of reagent dispensed (200 ppm).</p>

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