

pH Test Procedure

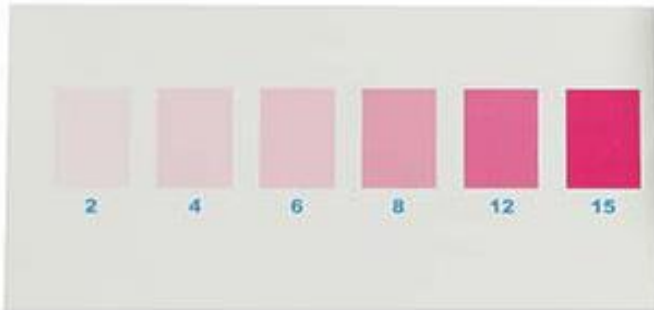
1. Add 5 mL of water to a test tube
2. Add 5 drops of Wide Range Indicator Solution. Hold the bottle upside down directly over the test tube to ensure all drops are the same size.
3. Gently shake the test tube to mix the contents. Be careful not to spill any of the contents.
4. Compare the color of the solution in the test tube to the colors on the pH color chart. Be sure to view your tube against a white background in a well-lit area.



Dissolved Oxygen Test Procedure

1. Add 5 mL of water to a test tube
2. Add 5 drops of O2-1 solution. Hold the bottle upside down directly over the test tube to ensure all drops are the same size.
3. Swirl the test tube gently for 20 seconds. Be sure not to shake the test tube as this could change the dissolved oxygen content.
4. Add 5 drops of O2-2 solution and swirl for 15 seconds. Allow the tube to sit for 1 minute.
5. Add 5 drops of O2-3 solution and swirl for 5 seconds after each drop. Allow the tube to sit for 1 minute.
6. Compare the color of the solution in the test tube to the colors on the dissolved oxygen color chart. Be sure to view your tube against a white background in a well-lit area.

(measurements are in mg/L of oxygen)



Ammonia Test Procedure

1. Add 5 mL of water to a test tube
2. Add 8 drops of test solution 1 to the test tube. Hold the bottle upside down directly over the test tube to ensure all drops are the same size.
3. Add 8 drops of test solution 2 to the test tube.
4. Gently shake the test tube to mix the contents. Be careful not to spill any of the contents.
5. Wait 5 minutes.
6. Compare the color of the solution in the test tube to the Ammonia Color Chart.

