Science Society 2025 – 26

Instructions for Using the Online pH Indicator

1. Prepare your solution and mix in a few drops of a universal pH indicator. The color will shift according to the pH level.

2. Position the container so the solution is centered in the frame, and take a clear photo under natural light for best accuracy.

3. On the pH Indicator webpage, click **Upload Image** and select your photo.

4. The tool will automatically detect the RGB (Red, Green, Blue) values and fill them into the corresponding fields.

5. Click **Find pH** to calculate the pH value of your solution.

6. Wait for further guidance from the teacher in charge before proceeding.

Tip: Use consistent lighting and avoid glare or reflections to improve accuracy.