



abc laboratories

T04 - pH Meter Calibration Procedure

1. Mark 2 x 100mL beakers as pH 4.01 and pH 7.01 respectively.
2. Pour 50 mL of the correct buffer solutions into the correctly marked beakers.
3. Pour 50 mL of distilled water into the final beaker.
4. Turn on the multimeter probe
5. Hold the mode button for 5 seconds to set to calibration mode for pH
6. Rinse the probe in the distilled water beaker.
7. Insert the probe into the pH buffer 7.01 solution and calibrate (follow directions on LCD screen)
8. Re-wash in distilled water beaker and insert the probe into the pH buffer 4.01 solution and calibrate.
9. The probe will return to normal reading mode.
10. Use the pH buffer 4.01 to check the reading as a calibration check and record your result into your **pH Meter Calibration and Maintenance Record**
11. If your test result is not within range, please see Test Fail Notes and repeat the above steps 5 to 10.