

Certification And Quality Control Of Hydrion® pH Test Papers

Micro Essential Laboratory, Inc. certifies that Hydrion pH test papers react and develop color matches at each separation point on the color chart. Each lot of Hydrion pH test paper is formulated and calibrated specifically for color matches that correspond to the pH values indicated on the color chart included with the test paper.

To ensure accuracy, Hydrion pH test papers and color charts are calibrated with buffer salt standards that are directly traceable to NIST buffer salt standards.

Hydrion test papers should be stored at room temperature in dry conditions. When handled in this manner, our Hydrion papers have a shelf life of three years from the date of purchase.

Quality Control Testing For Hydrion pH Papers:

Micro Essential Laboratory, Inc. recommends that quality control checks be conducted every three months to ensure the ongoing accuracy of test results.

To confirm the accuracy of test papers, dip a segment of Hydrion paper into a buffer standard that corresponds to a color match provided on the chart. Repeat the process for multiple pH values.

Micro Essential Laboratory manufactures a complete line of pH Hydrion buffer standards, from 2.00 to 12.00, that are directly traceable to NIST standards. For your convenience, we also manufacture a calibration buffer set, cat # CC-471V that includes buffers at pH 4.00, 7.00, and 10.00.

If you would like to purchase buffer standards, please contact your preferred distributor or visit us online at www.microessentiallab.com.