

pHizatest[®]

Phenaphthazine Paper

MICRO ESSENTIAL
 LABORATORY
Hydriion[®] pH and sanitizer test kits since 1934

Brooklyn, New York
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Product Description: pHizatest paper is a nitrazine indicator paper intended for in-vitro, semi quantitative determination of pH in the 4.5 – 7.5 range.

Results: Visual comparison of colors between the test paper and the color chart will yield results in clinically meaningful units. Any resultant pH reading should be considered along with other laboratory and clinical findings to derive a final diagnosis.

Storage and Shelf Life: Product should be stored at room temperature, out of direct sunlight. Unopened pHizatest should be used by the printed expiration date. Once opened, shelf life is 6 months.

Precautions: Protect against exposure to acid or alkaline fumes. Color comparison recommended under a combination of fluorescent light and daylight. Base stock color of paper may vary from lot to lot. This will not affect the accuracy of the pH reading.

Procedure: Collect fresh sample in a clean receptacle. Tear off a strip of pHizatest paper. Dip into sample. Shake off excess and immediately compare to color chart.

Quality Control: For greatest accuracy, color comparisons should be conducted in a combination of fluorescent light and daylight. Each lot of color charts and pHizatest paper is calibrated using NIST traceable buffer standards under the light conditions noted above. Note that base stock color may vary from lot to lot.



pHizatest® QC Procedure

Each lot of pHizatest® has been verified for accuracy using NIST traceable standards. Expired rolls should be disposed of. Unopened, unexpired rolls do not require further QC testing, nor do rolls that have been opened less than 30 days. Rolls that have been opened more than 30 days may be retested to ensure proper performance by following these procedures using Hydriion® brand or comparable NIST traceable buffers:

Quality Control Procedure

1. Tear off a strip of pHizatest paper from the roll.
2. Dispense a drop of the pH 5.0 buffer solution onto the strip of pH paper.
3. Immediately match the color of the pH paper with the closest color on the color chart supplied with the pHizatest paper dispenser.
4. Repeat steps 1-3 with the pH 7.0 buffer solution, or with the buffer required by your testing protocol.

Note:

Color comparison recommended under a combination of fluorescent light and daylight. The color of the base stock may vary from lot to lot, from tan to olive green. This will not affect the accuracy of results.