

TAKE THE FAST TRACK

Having trouble measuring the pH of turbid samples?

Quick and clear pH measurements of turbid solutions

The application

- Analyzing turbid or colored liquids with conventional pH-indicator strips can be extremely difficult.
- Suspended particulate matter which accumulates on the reaction zone can obscure the color and make the pH impossible to read.
- Using pH electrodes leads to extensive cleaning and maintenance.

Our solution: MColorpHast™ non-bleeding pH-indicator strips

Our transparent pH-indicator strips for turbid solutions eliminate the need for sample preparation steps, such as filtration or clarification. The pH reaction zone is backed by a transparent carrier film, so you can easily read the pH on the reverse side of it.

Benefits

- Non-bleeding strips prevent contamination of the medium
- Transparent strips for clear results in lightly colored or turbid liquids
- Quick and easy method without sample preparation
- Brilliant color scales ensure reliable results
- SafetyEdge box for maximum security and convenience



pH test strips and papers MColorpHast™

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MColorpHast™

Simply read the color... fast

pH test strips and papers

MColorpHast™ makes pH measurement easier than ever. No instruments, sample preparation, maintenance, or cleaning electrodes. Simply read the color. The rapid method offers an accurate color scale for clear, reliable results. It's suitable for all types of media in environmental analysis and industrial in-process controls – even for highly turbid liquids. With our broad range of pH tests, you'll always have the optimal solution for your application.

SAFETYEDGE BOX



Performing pH measurements?

Enjoy the ultimate in security and simplicity with our SafetyEdge box. Its tamper-proof seal ensures that the box has not been opened, while its innovative flip-top corner allows easy removal of pH indicator strips, but prevents them from falling out.

Do you have special applications?

Simplify your workflow with our pH test strips for special requirements, like testing turbid samples or meat.

Food & beverage workflow
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Read more about our pH test strips:
www.merckmillipore.com/pH-tests

Fast and
easy Method

Non-bleeding
strips

Brilliant
Colors

for convenient analysis

*With our broad range of pH tests,
you'll always have the optimal
solution for your application.*



Premium pH indicator papers

High-quality filter papers combined with a roll format, protect your tests from external factors, such as moisture, light, and ambient gases. This also ensures that they can be stored for a longer time.

MColorHast™ non-bleeding pH indicator strips

Special indicator dyes are covalently bound to the reagent papers. This prevents the indicator from bleeding, and allows the strips to be left in the measurement medium indefinitely – without contaminating the sample.

pH-indicator papers

| Product | pH measuring range | Graduation | Roll length / No. of strips | Ord. No. |
|--|-----------------------------------|--|-----------------------------|--------------|
| Roll format | | | | |
| pH-Box | 0.5 – 13.0 | 0.5-1.0-1.5-2.0-2.5-3.0-3.5-4.0-4.5-5.0-5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0-9.5-10.0-10.5-11.0-11.5-12.0-12.5-13.0 | 3 x 4.8 m | 1.09565.0001 |
| pH-indicator paper Replacement rolls* | 0.5 – 5.0 | 0.5-1.0-1.5-2.0-2.5-3.0-3.5-4.0-4.5-5.0 | 6 x 4.8 m | 1.09568.0001 |
| pH-indicator paper Replacement rolls* | 5.5 – 9.0 | 5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0 | 6 x 4.8 m | 1.09569.0001 |
| pH-indicator paper Replacement rolls* | 9.5 – 13.0 | 9.5-10.0-10.5-11.0-11.5-12.0-12.5-13.0 | 6 x 4.8 m | 1.09570.0001 |
| pH-indicator paper Universal indicator | 1 – 14 | 1.0-2.0-3.0-4.0-5.0-6.0-7.0-8.0-9.0-10.0-12.0-14.0 | 3 x 4.8 m | 1.10962.0003 |
| pH-indicator paper Replacement rolls* | 1 – 14 | 1.0-2.0-3.0-4.0-5.0-6.0-7.0-8.0-9.0-10.0-12.0-14.0 | 6 x 4.8 m | 1.10232.0001 |
| pH-indicator paper Universal indicator | 1 – 10 | 1.0-2.0-3.0-4.0-5.0-6.0-7.0-8.0-9.0-10.0 | 3 x 4.8 m | 1.09526.0003 |
| pH-indicator paper Replacement rolls* | 1 – 10 | 1.0-2.0-3.0-4.0-5.0-6.0-7.0-8.0-9.0-10.0 | 6 x 4.8 m | 1.09527.0001 |
| pH-indicator paper Acilit® | 0.5 – 5.0 | 0.5-1.0-1.5-2.0-2.5-3.0-3.5-4.0-4.5-5.0 | 3 x 4.8 m | 1.09560.0003 |
| pH-indicator paper Replacement rolls* | 0.5 – 5.0 | 0.5-1.0-1.5-2.0-2.5-3.0-3.5-4.0-4.5-5.0 | 6 x 4.8 m | 1.09568.0001 |
| pH-indicator paper Neutralit® | 5.5 – 9.0 | 5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0 | 3 x 4.8 m | 1.09564.0003 |
| pH-indicator paper Replacement rolls* | 5.5 – 9.0 | 5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0 | 6 x 4.8 m | 1.09569.0001 |
| pH-indicator paper Alkalit® | 9.5 – 13.0 | 9.5-10.0-10.5-11.0-11.5-12.0-12.5-13.0 | 3 x 4.8 m | 1.09562.0003 |
| pH-indicator paper Replacement rolls* | 9.5 – 13.0 | 9.5-10.0-10.5-11.0-11.5-12.0-12.5-13.0 | 6 x 4.8 m | 1.09570.0001 |
| pH-indicator paper Special indicator | 3.8 – 5.4 | <3.8-3.8-4.1-4.4-4.6-4.8-5.1-5.4 | 3 x 4.8 m | 1.09555.0003 |
| pH-indicator paper Special indicator | 5.4 – 7.0 | <5.4-5.4-5.8-6.2-6.4-6.7-7.0->7.0 | 3 x 4.8 m | 1.09556.0003 |
| pH-indicator paper Special indicator | 6.4 – 8.0 | 6.4-6.7-7.0-7.2-7.5-7.7-8.0->8.0 | 3 x 4.8 m | 1.09557.0003 |
| pH-indicator paper Special indicator | 8.2 – 10.0 | <8.2-8.2-8.5-8.8-9.0-9.3-9.6-10.0 | 3 x 4.8 m | 1.09558.0003 |
| Litmus paper, blue Reag. Ph Eur | pH <4 red / >9 blue | - | 3 x 4.8 m | 1.09486.0003 |
| Litmus paper, red Reag. Ph Eur | pH <4 red / >9 blue | - | 3 x 4.8 m | 1.09489.0003 |
| Congo red paper Reag. Ph Eur | pH <2 blue-violet / >5 red-orange | - | 3 x 4.8 m | 1.09514.0003 |
| Phenolphthalein paper | <8 colorless / >9 red | - | 3 x 4.8 m | 1.09521.0003 |
| Booklet format | | | | |
| pH-indicator paper Universal indicator | 1 – 10 | 1.0-2.0-3.0-4.0-5.0-6.0-7.0-8.0-9.0-10.0 | 3 x 100 | 1.09525.0003 |

* Replacement roll without color scale

Shelf-life and storage

- Store at 10-25°C to maintain top condition for 3-5 years
- Protect from light and moisture
- Close box immediately after removing each strip or paper

pH-indicator strips (non-bleeding)

| Product | pH measuring range | Graduation | No. of test strips | Ord. No. |
|---|--------------------|--|--------------------|--------------|
| pH-indicator strips Universal indicator | 0 – 14 | 0-1-2-3-4-5-6-7-8-9-10-11-12-13-14 | 100 | 1.09535.0001 |
| pH-indicator strips | 0 – 6.0 | 0-0.5-1.0-1.5-2.0-2.5-3.0-3.5-4.0-4.5-5.0-5.5-6.0 | 100 | 1.09531.0001 |
| pH-indicator strips | 5.0 – 10.0 | 5.0-5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0-9.5-10.0 | 100 | 1.09533.0001 |
| pH-indicator strips | 7.5 – 14.0 | 7.5-8.0-8.5-9.0-9.5-10.0-10.5-11.0-11.5-12.0-12.5-13.0-13.5-14.0 | 100 | 1.09532.0001 |
| pH-indicator strips | 2.0 – 9.0 | 2.0-2.5-3.0-3.5-4.0-4.5-5.0-5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0 | 100 | 1.09584.0001 |
| pH-indicator strips | 0 – 2.5 | 0-0.5-1.0-1.3-1.6-1.9-2.2-2.5 | 100 | 1.09540.0001 |
| pH-indicator strips | 2.5 – 4.5 | 2.5-3.0-3.3-3.6-3.9-4.2-4.5 | 100 | 1.09541.0001 |
| pH-indicator strips | 4.0 – 7.0 | 4.0-4.4-4.7-5.0-5.3-5.5-5.8-6.1-6.5-7.0 | 100 | 1.09542.0001 |
| pH-indicator strips | 6.5 – 10.0 | 6.5-6.8-7.1-7.4-7.7-7.9-8.1-8.3-8.5-8.7-9.0-9.5-10.0 | 100 | 1.09543.0001 |
| pH-indicator strips | 11.0 – 13.0 | 11.0-11.5-11.8-12.1-12.3-12.5-12.8-13.0 | 100 | 1.09545.0001 |

pH-indicator strips (for professional use)

| Product | pH measuring range | Graduation | No. of test strips | Ord. No. |
|---|--------------------|---|--------------------|--------------|
| pH-indicator strips Special indicator for pH-measurements in turbid solutions (suspensions) | 2.0 – 9.0 | 2.0-3.0-4.0-5.0-6.0-7.0-8.0-9.0 | 100 | 1.09502.0001 |
| pH-indicator strips Special indicator for pH-measurements in meat | 5.2 – 7.2 | 5.2-5.6-6.0-6.4-6.8-7.2 | 100 | 1.09632.0001 |
| pH-indicator strips, individually sealed | 2.0 – 9.0 | 2.0-2.5-3.0-3.5-4.0-4.5-5.0-5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0 | 1,000 | 1.09450.0010 |
| pH-indicator strips, individually sealed | 2.0 – 9.0 | 2.0-2.5-3.0-3.5-4.0-4.5-5.0-5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0 | 25,000 | 1.09450.0013 |

! single sealed strips

Upon request, we offer individually sealed test strips for standard or special pH ranges. These can also be customized with your branding, making them ideal for inserting into magazines and brochures, or for adhering to your products.

www.merckmillipore.com/customized-test-strips

