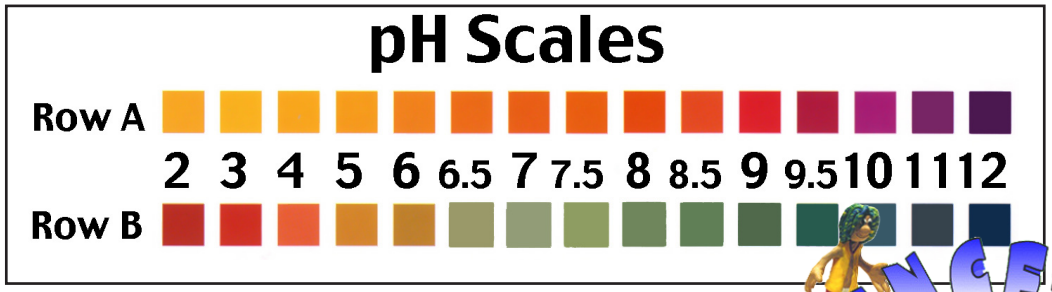

110 pH Testing of Water

Colorimetric test strips. (1 test per strip)

This pH test is very versitile in that it can be used for Drinking Water testing, food processing, environmental applications or in any other water matrix.

pH is short for “Power of Hydrogen”. The balance of positively charged and negatively charged hydrogen ions in drinking water determines pH.

Water that has a low pH is acidic or aggressive and can corrode plumbing resulting in metal ions being present in drinking water and damages fixtures and pipes.

Water that has a high pH is basic and will leave scale in pipes and fixtures.

This test features two test pads both measuring at the same range using different color indicators. This makes color matching easier on the Color Comparator Chart than with other colorimetric tests.

The test reports water pH at the following levels:
2.0, 3.0, 4.0, 5.0, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10, 11, and 12
Results are obtained from this test in 1 minute.

Find more water information at **www.sciencefairwater.com** (a web work in progress).

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Phone: 206-440-3008
sales@sciencefaircenter.com

Note:

These pH test strips perform optimally in water with a Total Alkalinity above 80 mg/L or ppm. Water highly saturated with dissolved solids or highly buffered samples will give elevated results for pH.

Note:

National Secondary Drinking Water Regulations set forth by EPA recommend a pH level 6.5 - 8.5 .

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