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Product Technical Fact Sheet

Part Number: PPH01V100

Description: pH 1-14 Wide Range Test Strips [Moisture-Proof Vial of 100 Strips]

Application: These test strips are used to measure the pH of aqueous solutions when the expected pH is between pH 1 and pH 14. Use this test strip when you have a diverse range of liquids and you are unsure what end of the pH spectrum you will land on.

Test Range: pH 1.0 to 14.0

Test Increments: Color charts calibrated at values of 1 pH unit

Accuracy: +/- ½ color chart unit (+/- 0.5 pH units)

Storage Recommendations: Store in original packaging in a cool (20-30C), dry, place out of direct sunlight.

Shelf-Life: Two years from date of manufacture when stored properly in original packaging.

Interferences: The colors on the chart were developed for these strips using buffer solutions. The indicators used with the strips require that the waters being tested have some buffering capacity. RO and distilled waters have little or no buffering capacity, and the test strips will not work in these waters. If the tap water has a very low buffer capacity (low hardness, low alkalinity, etc.) the color can take much longer than the recommended 1-2 second immersion and 10-15 development time.

Instructions for Use:

1. Dip test strip and remove after 1-2 seconds
2. Shake off excess liquid
3. Compare to color chart within 30 seconds

Chemistry Behind the Test:

The test pad is treated with a formula consisting of pH indicator dyes, surfactants, and other inert ingredients. The pH dye indicators react to the pH of the test solution. The color chart has been developed by testing NIST-traceable buffers.

Disclaimer:

The pH test strips are not intended for use to diagnose, treat, or monitor any medical condition.