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## Product Technical Fact Sheet

Product Code: PPH17B50

Product Description: pH 2-9 , 3 PAD PLASTIC STRIPS

Application: The pH 2-9 test strips contain three pads for testing accuracy. This strip measures in steps of 0.5 pH units, and gives results in just seconds. pH 2-9 test strips measure a wide range of both acidic and alkaline solutions. This strip can be used to test cosmetics and other acidic to weak alkaline solutions.

Test Range: pH 2-9

Test Increments: Color charts calibrated at 0.5 increments from 2 to 9

Accuracy: +/- 1/2 color chart unit (+/- 0.25 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: Aqueous solutions with low ionic strength or buffering capacity (ie. soft water, distilled water, RO treated water) may take longer to react.

### Instructions for Use:

1. Remove one test strip by holding one of the test strip between your index finger and thumb. Do not touch the test pads with your fingers.
2. Dip the test strip into the solution to be tested so that all three pads are completely immersed.
3. Remove the test strip, and shake off any excess liquid.
4. Compare to the color chart within 30 seconds. Do not allow the test strip to dry before reading against the color chart.

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.

Other Information: When comparing to the color chart, the closest match of all three is the correct value. Only one or two of the three pads will change for any given acid, and they will read differently in varying lighting conditions (incandescent, fluorescent, sunlight).

Disclaimer: This product is NOT intended for use to diagnose, treat, or monitor any medical condition and is solely intended for industrial use.