

Product Technical Fact Sheet

Product Code: PPA03V100

Product Description: Low Level Peracetic Acid (PAA) Test Strips

Application:

The low level PAA test strip is used for testing residual levels of peracetic acid in water. PAA is a sanitizing agent used in some segments of the food industry, such as organic produce and poultry.

Test Range: 0-160 ppm

Test Increments: Color chart calibrated at 0, 10, 30, 60, 80, and 160 ppm

Accuracy: +/- ½ color chart unit

Detection Limit: 2.5 ppm

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: Test strip may react to other oxidizing materials, chlorine, peroxide, etc.

Instructions for Use:

1. Remove one test strip from the vial, being careful not to touch the test pad with your fingers.
2. Dip the test strip into the solution to be tested for 2 seconds.
3. Remove and shake off any excess liquid.
4. Compare the test pad to the color chart after 10 seconds.

Chemistry Behind the Test:

The test pad is treated with a formula consisting of buffers, surfactants, and red-ox indicators. The presence of peracetic acid in a sample causes the red-ox indicator in the test pad to develop color. The intensity of the color developed is proportional to the amount of peracetic acid present.

Other Information:

Peracetic acid is typically sold in a concentrated formula consisting of peracetic acid, hydrogen peroxide, acetic acid, and water. The low level PAA strips were developed to work with solution made from these concentrates.

Disclaimer:

The PPA03V100 test strips are not intended for use to diagnose, treat, or monitor any medical condition.