

## Product Technical Fact Sheet

Product Code: PAA-1000

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

### Application:

The high level PAA test strip is used for testing sanitization and disinfecting levels of peracetic acid in water.

Test Range: 0-1000 ppm

Test Increments: Color chart calibrated at 0, 100, 250, 500, and 1000 ppm

Accuracy: +/- ½ color chart unit

Detection Limit: 50 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 high level PAA strips were developed to work with solution made from these concentrates.

### Disclaimer:

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