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## Product Technical Fact Sheet

Product Code: PAA-3000

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

### Application:

The extra high level PAA test strip is used for testing levels of peracetic acid in water. Commercial PAA concentrates are available for use in disinfection/sanitation applications. The test strips are used to measure levels of PAA in solutions prepared from concentrate.

Test Range: 0-3000 ppm

Test Increments: Color chart calibrated at 0, 500, 1000, 1500, 2000, 2500, and 3000 ppm

Accuracy: +/- ½ color chart unit

Detection Limit: about 250 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 peroxide levels above 5% (in the diluted solution).

### 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 1 second.
3. Remove and shake off any excess liquid.
4. Wait 5 seconds and compare test pad to color chart.

### 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 solutions made from these concentrates.

### Disclaimer:

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