Precision LABORATORIES

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Product Technical Fact Sheet

Product Code: PER-400
Product Description: Peroxide Test Strips 0-400 ppm

Application:

The PER-400 test strips are used to test concentration levels of Peroxide solutions used in cases where strong disinfection is needed. This test strip is designed to work with solutions prepared from concentrated hydrogen peroxide only. It should not be used to test solutions made using "accelerated" hydrogen peroxide products.

Test Range: 0-400 ppm
Test Increments: Color chart calibrated at 0, 100, 200, and 400 ppm
Accuracy: +/- ½ color chart unit
Detection Limit: about 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, peracetic acid, chlorine, etc.

Instructions for Use:

1. Remove one test strip from the vial. Do not touch the test pad with your fingers.
2. Dip the test strip into the solution being tested for 1 second.
3. Remove strip.
4. After 1 minute, compare test pad with color scale.

*Note: Solutions with a concentration of 400ppm will exhibit a dark, black spot on the center of the test pad 45 seconds after dipping.

Chemistry Behind the Test:

The test pad is treated with a formula consisting of buffers, surfactants, and a red-ox Indicator. The presence of peroxide causes the red-ox to develop color.

Disclaimer:

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