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Product Technical Fact Sheet

Product Code: PER-5000

Product Description: Extra High Level Peroxide Test Strips 0-5000 ppm

Application:

The PER-5000 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: 0-5000 ppm

Test Increments: Color chart calibrated at 0, 500, 1000, 2500, and 5000 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 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. DO NOT shake off any excess liquid.
4. Compare the test pad to the color chart after 90 seconds.

Chemistry Behind the Test:

The test pad is treated with a formula consisting of buffers, surfactants, a red-ox Indicator, and an enzyme. The enzyme makes the strip very sensitive to peroxide. The presence of peroxide causes the red-ox to develop color. The intensity of the color developed is proportional to the amount of peroxide present.

Disclaimer:

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