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Product Technical Fact Sheet

Product Code: CHL-D10

Product Description: Low Level Chlorine Dioxide Test Strips 0-10 ppm

Application:

The 0-10 ppm Chlorine Dioxide test strip is used to detect chlorine dioxide at levels usually associated with detection of residual levels in disinfection/sanitization applications.

Test Range: 0-10 ppm

Test Increments: Color charts calibrated at 0, 0.25, 0.5, 1, 3, 5, and 10 ppm

Accuracy: +/- ½ color chart unit

Detection Limit: 0.125 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, peroxide, etc.

Instructions for Use:

1. Using a cup-size sample immerse the test strip for 2 seconds.
2. Remove strip face up. Do not shake off excess water.
3. Immediately compare the test pad against color chart. (Note: color on the pad may not be uniform; this is normal.)

Chemistry Behind the Test:

The test pad is treated with a formula consisting of buffers, surfactants, and red-ox indicators. The presence of chlorine dioxide 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 chlorine dioxide present.

Other Information:

The test pad has been treated to inhibit reaction to up to 4 ppm free chlorine.

Disclaimer:

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