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Product Technical Fact Sheet

Part Number: PCL05V100

Description: Free Chlorine Test Strips, 0-1000 ppm [Vial of 100 Plastic Strips]

Application: The 0-1000 ppm Chlorine test strip is used for testing sanitization and disinfecting levels of free chlorine in water. The Chlorine test strips can be used in facilities where food preparation areas, equipment, and general disinfection are strictly controlled.

Test Range: 0-1000 ppm

Test Increments: Color chart calibrated at 0, 50, 100, 250, 500, 1000 ppm using sodium hypochlorite

Accuracy: +/- ½ color chart unit

Detection Limit: 25 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. Remove one Free Chlorine test strip from the vial, being careful not to touch the test pad with your fingers.
2. Dip the test strip into the solution being tested for 1-2 seconds.
3. Remove and immediately compare against the 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 free chlorine 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 free chlorine present.

Other Information:

The 0-1000 ppm High Level Chlorine test strips were developed to work with solutions prepared from concentrated solutions of sodium hypochlorite.

Disclaimer:

The 0-1000 High Level Chlorine test strips are not intended for use to diagnose, treat, or monitor any medical condition.