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Product Technical Fact Sheet

Product Code: CHL-300

Product Description: Chlorine Test Strips 0-300 ppm

Application:

The 0-300 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: 0-300 ppm

Test Increments: Color chart calibrated at 0, 25, 50, 100, 200, and 300 ppm using sodium hypochlorite

Accuracy: +/- ½ color chart unit

Detection Limit: 2-3 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. Dip the test strip into the solution to be tested.
2. Remove strip. Do not shake off excess water.
3. After 5-10 seconds, compare 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 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 CHL-300 Chlorine test strips were developed to work with solutions prepared from concentrated solutions of sodium hypochlorite.

Disclaimer:

The CHL-300 Chlorine test strips are not intended for use to diagnose, treat, or monitor any medical condition.