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Product Technical Fact Sheet

Product Code: 145

Product Description: Chlorine Test Papers 0-200 ppm

Application:

The 0-200 ppm Chlorine test paper is used for testing sanitization and disinfecting levels of total available chlorine in water. The Chlorine test papers can be used in facilities where food preparation areas, equipment, and general disinfection are strictly controlled.

Test Range: 0-200 ppm

Test Increments: Color chart calibrated at 0, 10, 50, 100, and 200 ppm using sodium hypochlorite

Accuracy: $\pm \frac{1}{2}$ color chart unit

Detection Limit: 5 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 paper into solution to be tested.
2. Remove test paper. Blot the test paper if possible.
3. Immediately compare paper against color chart.

Chemistry Behind the Test:

The test paper is based on the Potassium Iodide Starch reaction. The intensity of the color developed is proportional to the approximate amount of available (total) chlorine present.

Other Information:

The Chlorine test papers were developed to work with solutions prepared from concentrated solutions of sodium hypochlorite.

Disclaimer:

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