



Bartovation LLC.
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Product Technical Fact Sheet

Product Code: PCL07V100

Product Description: Extra High-Level Chlorine Test Strips, 0-10,000 ppm [Vial of 100 Strips]

Application: These strips are ideal for testing the available chlorine in bleach solutions. It is designed for testing very high range chlorine for industrial applications.

Test Range: 0-10,000 ppm

Test Increments: Color chart calibrated at Range: 0, 1000, 2500, 5000, 7500, 10000 ppm

Accuracy: +/- ½ color chart unit

Detection Limit: 500 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.
pH adjustments to the range of 6-8 can reduce the color development of the test pad by one color block (ie. at pH 7 a 10,000 ppm solution may appear to read 7,500 ppm).

Instructions for Use:

1. Dip a test strip into the solution for 1 second.
2. Remove strip. Do not shake off excess water.
3. Immediately compare the pad against the color chart.

Chemistry Behind the Test:

The test pad is treated with a formula consisting of buffers, surfactants, and indicators. The presence of chlorine acid in a sample causes the indicator in the test pad to develop color. The intensity of the color developed is proportional to the amount of chlorine present.

Other Information:

The 0-10000 ppm High Level Chlorine test strips were developed to work with "as is" solutions (ie. not pH adjusted) prepared from concentrated solutions of sodium hypochlorite.

Disclaimer:

The Extra High-Level Chlorine Test Strips are NOT intended for use to diagnose, treat, or monitor any medical condition and are solely intended for industrial use.