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## Product Technical Fact Sheet

Product Code: CHL-1000

Product Description: High Level Chlorine Test Strips 0-1000 ppm

### 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. Dip the test strip into the solution to be tested for 1-2 seconds.
2. Remove strip. Do not shake off excess water.
3. Immediately compare pad against 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.