Precision
L A B O R A T O R I E S

Product Technical Fact Sheet

Product Code: CHL-10000
Product Description: Extra High Level Chlorine Test Strips 0-10000 ppm

Application:

The 0-10000 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: 0-10000 ppm
Test Increments: Color chart calibrated at 0, 1000, 2500, 5000, 7500, and 10,000 ppm using sodium
          hypochlorite
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 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 0-10000 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 0-10000 High Level Chlorine test strips are not intended for use to diagnose, treat, or
         monitor any medical condition.