

# Hypochlorite CHEMets® Kit

**K-5808/R-5808:** 0 - 1.55% NaOCl

**K-5816/R-5808:** 0 - 12.5% NaOCl

## Test Procedure

1. Using the 3 mL syringe, obtain **1.0 mL** of the sample to be tested and dispense into the empty **Sample Prep Cup**. Dilute to the 25 mL mark with distilled water. Use this diluted sample in Step 3.

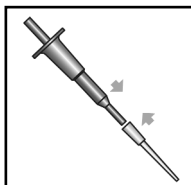


Figure 1

2. Place a yellow pipette tip firmly onto the end of the MiniPet®<sup>4</sup> (fig. 1).

**NOTE:** Use a fresh pipette tip for each test.

3. Depress the plunger on the minipet. Immerse the tip in the previously diluted sample and release the plunger. A portion of the sample will be drawn into the tip (fig. 2).

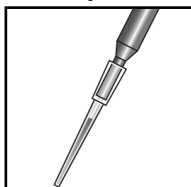


Figure 2

**NOTE:** Do not touch the side or bottom of the sample container with the tip during sampling.



Figure 3

4. Hold the minipet over the empty sample cup, and depress the plunger to dispense sample (fig. 3).

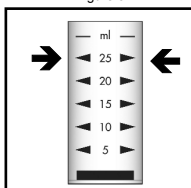


Figure 4

5. Dilute the contents of the sample cup to the **25 mL mark with distilled water** (fig. 4).

6. Place the CHEMet ampoule, tip first, into the sample cup. Snap the tip. The ampoule will fill leaving a bubble for mixing (fig. 5).

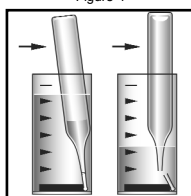


Figure 5

7. To mix the ampoule, invert it several times, allowing the bubble to travel from end to end.

8. Dry the ampoule. Obtain a test result **1 minute** after snapping the tip.

9. Obtain a test result by placing the ampoule between the color standards until the best color match is found (fig. 6).

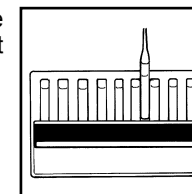


Figure 6

## Test Method

The Hypochlorite CHEMets®<sup>1</sup> test kits employ the DPD chemistry.<sup>2,3</sup>

Halogens, ozone and halogenating agents will produce high test results.

1. CHEMets is a registered trademark of CHEMetrics, Inc. U.S. Patent No. 3,634,038
2. APHA Standard Methods, 23rd ed., Method 4500-Cl G - 2000
3. EPA Methods for Chemical Analysis of Water and Wastes, Method 330.5 (1983)
4. MiniPet is a registered trademark of Tricontinent Scientific, Inc.

## Safety Information

Read SDS (available at [www.chemetrics.com](http://www.chemetrics.com)) before performing this test procedure. Wear safety glasses and protective gloves.

Visit [www.chemetrics.com](http://www.chemetrics.com) to view product demonstration videos.

Always follow the test procedure above to perform a test.



[www.chemetrics.com](http://www.chemetrics.com)  
4295 Catlett Road, Midland, VA 22728 U.S.A.  
Phone: (800) 356-3072; Fax: (540) 788-4856  
E-Mail: [orders@chemetrics.com](mailto:orders@chemetrics.com)

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