



CHLORINE KIT, HIGH RANGE

DIRECT READING TITRATOR, 0-200 ppm

CODE 4497-DR-01

QUANTITY	CONTENTS	CODE
60 mL	Chlorine Reagent #1	4498WT-H
60 mL	*Chlorine Reagent #2	*4499WT-H
60 mL	*Chlorine Reagent #3	*4500DR-H
1	Direct Reading Titrator, 0-200 Range	0382
1	Test Tube, 5-10-15-20-25 mL, plastic, w/cap	0715-DRT

*WARNING: Reagents marked with an * are considered to be potential health hazards. To view or print a Safety Data Sheet (SDS) for these reagents go to www.lamotte.com. Search for the four digit reagent code number listed on the reagent label, in the contents list or in the test procedures. Omit any letter that follows or precedes the four digit code number. For example, if the code is 4450WT-H, search 4450. To obtain a printed copy, contact LaMotte by email, phone or fax.

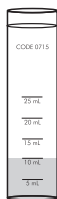
Emergency information for all LaMotte reagents is available from Chem-Tel (US, 1-800-255-3924) (International, call collect, 813-248-0585).

To order individual reagents or test kit components, use the specified code number.

Read the LaMotte Direct Reading Titrator Manual before proceeding. The Titrator is calibrated in parts per million (ppm) Chlorine; each minor division on the Titrator scale equals 4 ppm.

PROCEDURE

1



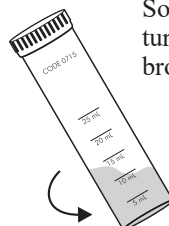
Fill the test tube (0715-DRT) to the 10 mL line with sample water.

2



Add 10 drops of Chlorine Reagent #1 (4498) and 10 drops of *Chlorine Reagent #2 (4499).

3



Cap and mix. Solution will turn green or brown.

4



Fill Direct Reading Titrator (0382) with *Chlorine Reagent #3 (4500).

5



Insert the Titrator into the center hole of the test tube cap.

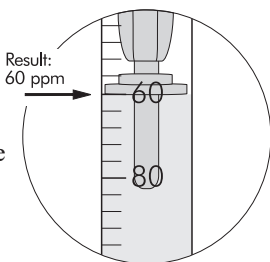
6



While gently swirling the tube, slowly press the plunger to titrate until the solution turns colorless.

7

Read the test result directly from the scale where the large ring on the Titrator meets the Titrator barrel. Record as ppm Chlorine.



NOTE:

If the plunger tip reaches the bottom line on the scale (200 ppm) before the endpoint color change occurs, refill the Titrator and continue the titration.

When recording the test result, be sure to include the value of the original amount of reagent dispensed (200 ppm).

LaMOTTE COMPANY

Helping People Solve Analytical Challenges

PO Box 329 · Chestertown · Maryland · 21620 · USA
800-344-3100 · 410-778-3100 [Outside U.S.A.] · Fax 410-778-6394

Visit us on the web at www.lamotte.com