



CHLORINE BLEACH KIT
DIRECT READING TITRATOR, 0-10%
CODE 7105-03

QUANTITY	CONTENTS	CODE
2 x 30 mL	*Hypochlorite Reagent A	*7939PS-G
10 g	Potassium Iodide Crystals	6809-D
60 mL	Hypochlorite Reagent D	2790-H
1	Test Tube, 5-10-15 mL, w/cap	0778
1	Direct Reading Titrator, 0-10 Range	0377
1	Pipet, 0.5 mL, plastic	0353
1	Pipet, 1.0 mL, plastic	0354
1	Spoon, 0.1 g, plastic	0699

*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.

Carefully read the LaMotte Direct Reading Titrator Instruction Manual (1649) before proceeding. The Titrator is calibrated in percent available chlorine; each minor division equals 0.2 percent.

NOTE: If endpoint is not achieved after one full Titrator of reagent has been added in the titration, refill and zero the titrator to continue titration beyond 10 percent.

PROCEDURE

1. Fill test tube (0778) to 10 mL line with tap water.
2. Use the 0.5 mL pipet (0353) to add 0.5 mL of sample to the test tube containing tap water from Step 1.
3. Use the 1.0 mL pipet (0354) to add 1.0 mL of *Hypochlorite Reagent A (7939). Swirl to mix.
4. Use 0.1g spoon (0699) to add 0.1g Potassium Iodide Crystals (6809). Swirl to mix.
5. Fill the Direct Reading Titrator (0377) with Hypochlorite Reagent D (2790). See Direct Reading Titrator Manual (1649). Insert the Titrator tip into the center hole of the test tube cap.
6. While gently swirling the tube, slowly depress the plunger to titrate the sample until the solution changes from brown to colorless and remains colorless for one minute. Read the test result directly from the scale where the large ring on the Titrator meets the Titrator barrel. Record as Percent Chlorine.

NOTE: The solution will go through an intermediate yellow stage.

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