



CHLORINE BLEACH TEST KIT

CODE 7105-02

| 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 Material Safety Data Sheet (MSDS) for these reagents go to www.lamotte.com. To obtain a printed copy, contact LaMotte by e-mail, phone or fax.

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 1 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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