



CHLORINE BLEACH KIT

DROP COUNT, 1 drop = 0.005% or 50 ppm

CODE 7894-01

QUANTITY	CONTENTS	CODE
30 mL	*Hypochlorite Reagent A	*7939PS-G
30 mL	Hypochlorite Reagent B	7940-G
60 mL	Hypochlorite Reagent C	7941PS-H
2	Test Tubes, 5-10-15 mL, glass, w/caps	0778
2	Pipets, 0.5 mL, plastic, w/caps	0369
2	Pipet, 0.5 mL, plastic	0353
1	Pipet, plain, glass	0342

*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 on the four digit reagent code number listed in the contents list. Omit any letter that follows or precedes the four digit code number. For example if code is 4450WT-H, search on 4450. 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.

PROCEDURE A: 0-0.1% [0-1000 ppm]

1. Fill test tube (0778) to 5 mL line with sample solution.
2. Use a pipet (0369) to add 0.5 mL of Hypochlorite Reagent B (7940). Swirl to mix.
3. Use the second pipet (0369) to add 0.5 mL of *Hypochlorite Reagent A (7939PS). Swirl to mix. Sample will turn brown.
4. Fill glass pipet (0342) with Hypochlorite Reagent C (7941PS). Hold pipet vertically. While gently swirling tube, add Hypochlorite Reagent C, one drop at a time, until brown color disappears. Count the number of drops added.
5. Calculate result:

Available Chlorine, % = 0.005 x Number of Drops

Available Chlorine, ppm = 50 x Number of Drops

PROCEDURE B: 0-1.0% [0-10 ppt]

1. Use a 0.5 mL pipet (0353) to add 0.5 mL of the sample solution to a test tube (0778). Dilute to 5 mL line with tap water. Cap and mix.
2. Use a pipet (0369) to add 0.5 mL of Hypochlorite Reagent B (7940). Swirl to mix.
3. Use the second pipet (0369) to add 0.5 mL of *Hypochlorite Reagent A (7939PS). Swirl to mix. Sample will turn brown.
4. Fill glass pipet (0342) with Hypochlorite Reagent C (7941PS). Hold pipet vertically. While gently swirling tube, add Hypochlorite Reagent C, one drop at a time, until brown color disappears. Count the number of drops added.
5. Calculate result:

Available Chlorine, % = 0.05 x Number of Drops

Available Chlorine, ppt = 0.5 x Number of Drops

PROCEDURE C: 0-10% [0-100 ppt]

1. Use a 0.5 mL pipet (0353) to add 0.5 mL of the sample solution to a test tube (0778). Dilute to 5 mL line with tap water. Cap and mix. Rinse the pipet.
2. Use the same 0.5 mL pipet to transfer 0.5 mL of the diluted sample to second test tube (0778). Dilute to 5 mL line with tap water. Cap and mix.
3. Use a pipet (0369) to add 0.5 mL of Hypochlorite Reagent B (7940). Swirl to mix.
4. Use the second pipet (0369) to add 0.5 mL of *Hypochlorite Reagent A (7939PS). Swirl to mix. Sample will turn brown.
5. Fill glass pipet (0342) with Hypochlorite Reagent C (7941PS). Hold pipet vertically. While gently swirling tube, add Hypochlorite Reagent C, one drop at a time, until brown color disappears. Count the number of drops added.
6. Calculate result:

Available Chlorine, % = 0.5 x Number of Drops

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