CHLORINE BLEACH KIT

Code 7894-01 | Drop Count

LaMotte

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, 5-10-12.9-15-20-25 mL, glass, w/caps	0608
2	Pipet, 0.5 mL, plastic, w/caps	0369
2	Pipet, 0.5 mL, plastic	0353
1	Pipet, plain, glass	0342

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

*Reagent is a potential health hazard. **READ SDS:** lamotte.com

Emergency information:
Chem-Tel USA 1-800-255-3924
Int'l, call collect, 813-248-0585

PROCEDURE A: 0-0.1% (0-1000 ppm)

1. Fill test tube (0608) 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 (0608). 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

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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 (0608). 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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