

COLOR COMPARISON TEST FREE, COMBINED & TOTAL CHLORINE

COMPONENTS:

SLIDE COMPARATORS*: RANGE:
9083 1.0-10 ppm
9228 0.8-2.4 ppm
*Kit may include only one comparator.

REAGENTS:

1 x R-0001-C DPD Reagent #1, 2 oz, DB
1 x R-0002-C DPD Reagent #2, 2 oz, DB
1 x R-0003-C DPD Reagent #3, 2 oz, DB

APPARATUS:

3 x 3267 Cap, Test Cell (5 mL), plastic
3 x 4025 Test Cell, Calibrated (5 mL), plastic
1 x 5514 Instruction
1 x 6002 Brush, Test Cell
1 x 9189 Base, Slide Comparator, Enslow (for test cells)

OR

5 x 4023 Test Tube, Calibrated (5 mL), glass
1 x 5514 Instruction
1 x 6002 Brush, Test Cell
1 x 6021 Stopper, Test Tube (5 mL, calibrated), rubber
1 x 9190 Base, Slide Comparator (for test tubes)

TO ORDER REPLACEMENT PARTS AND REAGENTS CALL TOLL-FREE
800-TEST KIT (800-837-8548).

PROCEDURE:

CAREFULLY READ AND FOLLOW PRECAUTIONS ON REAGENT LABELS.
KEEP REAGENTS AWAY FROM CHILDREN.

NOTE: When dispensing reagents from dropper bottles, **always** hold bottle in a vertical position.

Instr. #5514

Free, Combined & Total Chlorine Test

1. Rinse and fill three test cells (test tubes) to 5 mL mark with water to be tested.
2. Wipe dry and place in three center slots (holes) of comparator base (#9189 or #9190). Test cells (#4025) must be placed WITH FROSTED SIDE FACING OPERATOR.
3. Add 5 drops R-0001 DPD Reagent #1 and 5 drops R-0002 DPD Reagent #2 to center test cell (test tube). Cap and mix.
4. Wipe dry and place in center slot (hole) of comparator base.
5. Place Slide on comparator base. Match color in center test cell (test tube) with a color standard. The Slide is in proper alignment for a color match when a white line on the Slide is directly above the white line on the comparator base. Record as parts per million (ppm) free chlorine (Cl_2).
6. Add 5 drops R-0003 DPD Reagent #3. Cap and mix.
7. Wipe dry and place in center slot (hole) of comparator base.
8. Match color immediately. Record as parts per million (ppm) total chlorine (Cl_2).
9. Subtract free chlorine (FC) from total chlorine (TC). Record as parts per million (ppm) combined chlorine (CC) as Cl_2 .
Formula: $TC - FC = CC$.

NOTE: If sample color matches or is deeper than highest color standard: Use a chlorine Slide with a higher range.



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