

COLOR COMPARISON TEST FREE, COMBINED & TOTAL CHLORINE

COMPONENTS:

SLIDE COMPARATORS*:	RANGE:
9081	0-1.0 ppm
9082	0-3.0 ppm

*Kit includes 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 3243	Cap, Test Cell (11.5 mL), plastic
3 x 4024	Test Cell, Calibrated (11.5 mL), plastic
1 x 5157	Instruction
1 x 6002	Brush, Test Cell
1 x 9189	Base, Slide Comparator, Enslow (for test cells)

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.

Free & Total Chlorine Tests

1. Rinse and fill three 11.5 mL test cells (#4024) to 11.5 mL mark with water to be tested.
2. Wipe dry and place in three center slots of comparator base (#9189) WITH FROSTED SIDE FACING OPERATOR.

Instr. #5157

3. Add 5 drops R-0001 DPD Reagent #1 and 5 drops R-0002 DPD Reagent #2 to center test cell. Cap and mix.
4. Wipe dry and place in center slot of comparator base.
5. Place Slide on comparator base. Match color in center test cell 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 of comparator base.
8. Match color immediately. Record as parts per million (ppm) total chlorine (Cl_2).

Combined Chlorine Test

1. Subtract free chlorine (FC) from total chlorine (TC). Record as parts per million (ppm) combined chlorine (CC) as Cl_2 .
Formula: $\text{TC} - \text{FC} = \text{CC}$.

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



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