

COLOR COMPARISON TEST FREE, COMBINED & TOTAL CHLORINE

MIDGET COMPARATORS*:

RANGE:

9040	0.2-3.0 ppm
9044	0.2-2.0 ppm
9048	1.5-10 ppm
9241	0.1-2.0 ppm

*Kit includes only one comparator.

REAGENTS*:

1 x 1052	DPD Tablet #1
1 x 1054	DPD Tablet #3
1 x R-0001-A	DPD Reagent #1, .75 oz, DB
1 x R-0002-A	DPD Reagent #2, .75 oz, DB
1 x R-0003-A	DPD Reagent #3, .75 oz, DB

*Kit includes either DPD reagents or DPD tablets.

APPARTUS*:

- 1 x 3243 Cap, Test Cell (11.5 mL), plastic
- 1 x 3267 Cap, Test Cell (5 mL), plastic
- 1 x 4024 Test Cell, Calibrated (11.5 mL), plastic
- 1 x 4025 Test Cell, Calibrated (5 mL), plastic
- 1 x 5118 Instruction
- 1 x 6002 Brush, Test Cell

*Kit includes only one test cell and one test cell cap.

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

(OVER)

PROCEDURE:

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

Free Chlorine Test

1. Rinse and fill test cell to mark with water to be tested.
2. Add 5 drops R-0001 DPD Reagent #1 and 5 drops R-0002 DPD Reagent #2 (or add 1 DPD Tablet #1). Cap and mix.
3. Wipe dry and place in comparator WITH FROSTED SIDE FACING OPERATOR.
4. Match color in test cell with a color standard. Record as parts per million (ppm) free chlorine.
5. Save sample for total chlorine test.

Total Chlorine Test

1. Use same treated sample from free chlorine test.
2. Add 5 drops R-0003 DPD Reagent #3 (or add 1 DPD Tablet #3). Cap and mix.
3. Wipe dry and place in comparator WITH FROSTED SIDE FACING OPERATOR.
4. Match color in test cell with a color standard. Record as ppm total chlorine.

Combined Chlorine Test

1. Subtract free chlorine (FC) from total chlorine (TC). Record as ppm combined chlorine (CC).

Formula: $TC - FC = CC$.



COLOR COMPARISON TEST

Instr. #5198

pH

MIDGET COMPARATORS*:

9006 Cresol Red
9036 Bromthymol Blue
9052 Long Range
9053 Phenol Red
9237 Chlorphenol Red
9321 Thymol Blue

RANGE:

7.2-8.6
6.0-7.4
3.0-10.0
6.8-8.2
5.2-6.6
8.2-9.6

REAGENT:

R-1003K
R-1003H
R-1003U
R-1003J
R-1003G
R-1003M

*Kit may include only one.

APPARATUS:

1 x 3243 Cap, Test Cell (11.5 mL), plastic
1 x 4024 Test Cell, Calibrated (11.5 mL), plastic
1 x 4028 Pipet, Calibrated (0.5 mL) w/ cap, plastic
1 x 5198 Instruction
1 x 6002 Brush, Test Cell

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800-TEST KIT (800-837-8548).

PROCEDURE:

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

pH Test

1. Rinse and fill 11.5 mL test cell (#4024) to 11.5 mL mark with water to be tested.
2. Using 0.5 mL pipet (#4028), add 0.5 mL pH Indicator. Cap and mix.
3. Wipe dry and place in comparator WITH FROSTED SIDE FACING OPERATOR.
4. Match color in test cell with a color standard. Record as pH units.

NOTE: If sample color is between two values, pH is average of the two.

NOTE: If determining Acid or Base Demand, save sample and proceed as directed on separate instruction.



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