

COLOR COMPARISON TEST pH (6.8-8.2)

COMPONENTS:

1 x 3243	Cap, Test Cell (11.5 mL), plastic
1 x 4024	Test Cell, Calibrated (11.5 mL), plastic
1 x 4030	Pipet, Calibrated (0.5 & 1.0 mL) w/ cap, plastic
1 x 5199	Instruction
1 x 6002	Brush, Test Cell
1 x 9053	Midget Comparator, pH, Phenol Red, 6.8-8.2
1 x R-1003J-C	pH Indicator Solution, Phenol Red, 2 oz

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.

pH Test

1. Rinse and fill 11.5 mL test cell (#4024) to 11.5 mL mark with water to be tested.
2. Using 1.0 mL pipet (#4030), add 0.5 mL R-1003J pH Indicator Solution. 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.

Instr. #5199

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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HYDROGEN PEROXIDE

COMPONENTS:

- 1 x 5691 Instruction
- 1 x 9198 Sample Tube, Graduated, 25 mL, plastic w/cap
- 1 x R-0601 Molybdate Reagent, DB
- 1 x R-0664 Bleach Reagent #1, DB
- 1 x R-0774 Thiosulfate Reagent, DB

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PROCEDURE:

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

1. Rinse and fill 25 mL sample tube (#9198) to 25 mL mark with water to be tested.
2. Add 10 drops R-0664 Bleach Reagent #1. Swirl to mix.
3. Add 10 drops R-0601 Molybdate Reagent. Swirl to mix. Sample will turn yellow (yellow-orange) if hydrogen peroxide is present.
4. Add R-0774 Thiosulfate Reagent dropwise, swirling and counting after each drop, until color changes from yellow (yellow-orange) to colorless. Always hold bottle in vertical position.
5. Multiply drops of R-0774 Thiosulfate Reagent by 5. Record as parts per million (ppm) hydrogen peroxide.