

## Instructions

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### Instruction Number: 5434

| Component | Description  |
|-----------|--------------|
| >         | PHOSPHATE    |
| >         | (0-1000 ppb) |

#### COMPONENTS:

|            |                                     |
|------------|-------------------------------------|
| 1 x 4025   | Test Cell, Calibrated 5 mL, plastic |
| 1 x 5434   | Instruction                         |
| 1 x R-0007 | Thiosulfate N/10                    |
| 1 x R-0980 | Phosphate Reagent #1                |
| 1 x R-0981 | Phosphate Reagent #2                |

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. THIS KIT IS FOR  
COMMERCIAL USE ONLY.

1. Rinse and fill test cell to 5 mL mark with water to be tested.
2. WARNING: R-0980 Phosphate Reagent #1 contains a strong acid. Avoid contact with skin, eyes, or clothing.

Add 5 drops R-0980 Phosphate Reagent #1 to sample.  
Cap and mix thoroughly. Wait 2 minutes.

3. Carefully remove cap. Add 1 drop R-0981 Phosphate Reagent #2 and 1 drop R-0007 Thiosulfate N/10. Cap and mix thoroughly. Wait exactly 1 minute. Carefully remove cap.
4. Within the next minute match color in test cell with closest color on color chart\*. Do this by positioning color chart flat and holding test cell upright to right of printed colors. Look down from top through solution. Hold test cell by the flanges (to prevent fingers from shadowing color development) and move test cell back and forth to find match. Record as parts per billion (ppb) phosphate.

NOTE: To inhibit algae growth, water treatment is recommended  
at phosphate concentrations above 125 ppb.

\*To match colors see printed color chart.

