

COLOR COMPARISON TEST

Phosphate (0-6000 ppb)

Instr. #5435

COMPONENTS:

1 x 4025	Test Cell, Calibrated (5 mL), plastic
1 x 5435	Color Card Comparator/Instruction
1 x R-0007-A	Thiosulfate N/10, .75 oz., DB
1 x R-0980-A	Phosphate Reagent #1, .75 oz., DB*
1 x R-0981-A	Phosphate Reagent #2, .75 oz., DB

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.

Phosphate Test

1. Rinse and fill 5 mL test cell to 5 mL mark with water to be tested.
2. Add 5 drops R-0980 Phosphate Reagent #1. Cap and mix thoroughly.
WAIT 2 MINUTES.
3. Carefully remove cap. Add 1 drop R-0007 Thiosulfate N/10 and 2 drops R-0981 Phosphate Reagent #2. Cap and mix thoroughly. WAIT EXACTLY 1 MINUTE.
4. Within the next minute, match color in test cell with the closest color on color chart. Place broadside of test cell against the white area of Color Card Comparator (#5435) (refer to diagram). Match color in test cell with a color standard by looking through the cell. Record as parts per billion (ppb) phosphate (PO_4^{3-}).

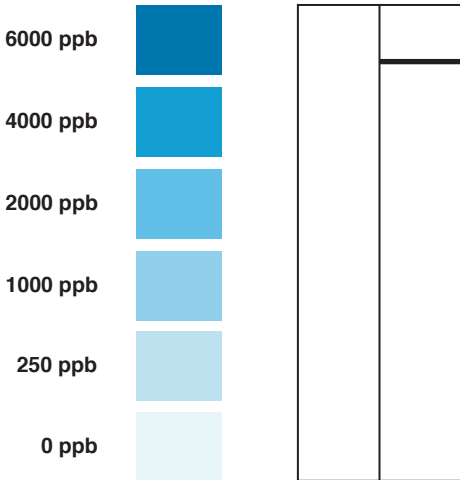
NOTE: To inhibit algae growth, water treatment is recommended at phosphate concentrations above 125 ppb.

*WARNING: Phosphate Reagent #1 (R-0980) contains a strong acid.
Avoid contact with skin, eyes, or clothing.

(OVER)

Phosphate Color Chart

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