

**COLOR COMPARISON TEST  
ORTHOPHOSPHATE (10-100 ppm)**

**COMPONENTS:**

2 x 2269	Cap, Dispenser, 18 mm, white
1 x 4027	Funnel, 58 mm, plastic
1 x 5123	Instruction
1 x 6003	Brush, Test Tube
1 x 6009	Filter Paper, 9.0 cm, #610, 100/box
1 x 9021	Test Tube, Mixing, Calibrated (5, 10, 14, 15, 17.5 mL), glass w/ stopper
1 x 9350	Midget Comparator, Orthophosphate, Stannous Chloride, 10-100 ppm
1 x R-0601-C	Molybdate Reagent*, 2 oz
1 x R-0602P-I	Stannous Chloride Powder, 10 g

**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.**

**Orthophosphate Test**

1. Filter water to be tested to clarify.
2. Rinse and fill mixing test tube (#9021) to 5 mL mark with filtered sample.
3. Cap R-0601 Molybdate Reagent with dispenser cap (#2269). Add R-0601 Molybdate Reagent to 15 mL mark. Stopper and mix. Remove stopper.
4. Add 2 level dippers R-0602P Stannous Chloride Powder. Stopper and mix.

**Instr. #5123**

5. Wipe dry and place in comparator. WAIT 1 MINUTE. Read before 5 minutes.
6. Match color in test tube with a color standard. Record as parts per million (ppm) orthophosphate ( $\text{PO}_4^{3-}$ ).

\*WARNING: Molybdate Reagent (R-0601) contains 5-10% w/w sulfuric acid, a corrosive acid.



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