

COLOR COMPARISON TEST ORTHOPHOSPHATE

COMPONENTS:

2-STANDARD COMPARATORS*: RANGE:

9027 2 & 8 ppm
9307 3 & 6 ppm

*Kit may include only one comparator.

REAGENTS:

2 x R-0601-C Molybdate Reagent*, 2 oz
1 x R-0602P-I Stannous Chloride Powder, 10 g

APPARATUS:

2 x 2269 Cap, Dispenser, 18 mm, white
1 x 4027 Funnel, 58 mm, plastic
1 x 5211 Instruction
1 x 6003 Funnel, 58 mm, plastic
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

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 10 mL mark with filtered sample.

Instr. #5211

3. Cap R-0601 Molybdate Reagent with dispenser cap (#2269). Add R-0601 Molybdate Reagent to 14 mL mark. Stopper and mix. Remove stopper.
4. Add 1 level dipper R-0602P Stannous Chloride Powder. Stopper and mix.
5. Wipe dry and place in comparator. WAIT 1 MINUTE. Read before 5 minutes.
6. Match color in mixing test tube with a color standard. Record as parts per million (ppm) orthophosphate (PO_4^{3-}).

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



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