

## COLOR COMPARISON TEST COPPER (0-3.0 ppm)

### COMPONENTS:

3 x 3243	Cap, Test Cell (11.5 mL), plastic
3 x 4024	Test Cell, Calibrated (11.5 mL), plastic
2 x 4030	Pipet, Calibrated (0.5 & 1.0 mL) w/ cap, plastic
1 x 5144	Instruction
1 x 6002	Brush, Test Cell
1 x 9094	Slide Comparator, Copper, Cuprizone, 0-3.0 ppm
1 x 9189	Base, Slide Comparator, Enslow (for test cells)
1 x R-0860-C	Copper Reagent #1*
1 x R-0861-C	Copper 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.

### Copper Test

1. Rinse and fill three 11.5 mL test cells (#4024) to 11.5 mL mark with water to be tested.
2. Wipe dry and place in three center slots of comparator base (#9189) WITH FROSTED SIDE FACING OPERATOR.
3. Using a 1.0 mL pipet (#4030), add 0.5 mL R-0860 Copper Reagent #1 to center test cell. Using a separate 1.0 mL pipet, add 0.5 mL R-0861 Copper Reagent #2. Cap and mix.
4. Wipe dry and place in center slot of comparator base. WAIT 5 MINUTES.

Instr. #5144

5. Place Slide on comparator base. Match color in center test cell with a color standard. The Slide is in proper alignment for a color match when a white line on the Slide is directly above the white line on the comparator base. Record as parts per million (ppm) copper (Cu).

NOTE: If sample color matches or is deeper than highest color standard: Dilute sample with distilled, deionized, or copper-free water. Repeat test. For sample diluted with 1 part water, multiply reading by 2; for 2 parts, multiply by 3, etc.

\*WARNING: Copper Reagent #1 (R-0860) contains 1-5% w/w ammonium hydroxide, a corrosive alkali.

\*\*WARNING: Copper Reagent #2 (R-0861) contains 40-50% w/w isopropanol, a flammable liquid.



31 Loveton Circle, Sparks, MD 21152 USA  
800-TEST KIT (837-8548) • 410-472-4340

112717