

COLOR WHEEL COMPARATOR TEST COPPER (0.2-3.0 ppm)

COMPONENTS:

2 x 4028	Pipet, Calibrated 0.5 mL, plastic w/cap
1 x 5412	Instruction
1 x 6003	Brush, Cell Cleaner
1 x 7081	Comparator Case
2 x 9016	Test Cell, Calibrated (2.5, 5, 7.5, 10, 11.5, 14, 15, 20 mL), glass, with stopper
1 x 9485	Color Wheel, Copper, 0-3ppm
1 x R-0860	Copper Reagent #1*
1 x R-0861	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.**

1. Open the comparator case (#7081) and insert the color wheel (#9485) oriented so that the numbers are readable. Close the comparator.
2. Rinse and fill two test cells (#9016) to 11.5 mL mark with water to be tested.
3. Add a stopper to one cell and place it in the left position of the comparator, so that the cell markings are out of view.
4. Using a pipet (#4028), add 0.5 mL R-0860 Copper Reagent #1* to the second test cell. Add a stopper and mix by inverting the cell several times.
5. Remove the stopper from the second test cell. Using a separate pipet, add 0.5 mL R-0861 Copper Reagent #2**.
6. Replace the stopper and mix by inverting the cell several times.

7. Place the cell in the right position of the comparator, so that the cell markings are out of view. (Fig. 1)
8. Look through the comparator while facing a light source.
9. Rotate until the color matches. (Fig. 2)
10. Read the number displayed in the lower opening of the front of the comparator. The number displayed is the concentration of copper (ppm). (Fig. 3)

*WARNING: Copper Reagent #1 (R-0860) contains 4.4% ammonium hydroxide, a corrosive alkali.

**WARNING: Copper Reagent #2 (R-0861) contains 44% isopropanol (w/w), a flammable liquid.

Instr. #5412

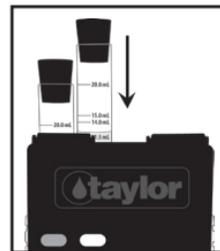


Fig. 1

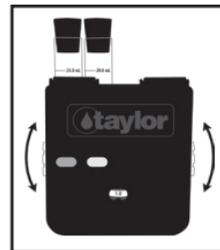


Fig. 2



Fig. 3



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