

COLOR WHEEL COMPARATOR TEST IRON (0-2.0 ppm)

COMPONENTS:

2 x 4028	Pipet, Calibrated 0.5 mL, plastic w/cap
1 x 5415	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
1 x 9488	Color Wheel, Iron, 0-2ppm
1 x R-0851	Iron Reagent #1*
1 x R-0852	Iron 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 (#9488) 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-0851 Iron Reagent #1* to the second test cell. Add a stopper and mix by inverting the cell several times. WAIT 2 MINUTES.
5. Remove the stopper of the second test cell. Using a separate pipet, add 1.0 mL (2 x 0.5 mL) R-0852 Iron Reagent #2.
6. Replace the stopper and mix by inverting the cell several times.

7. Place the cell in the right position at the top 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 the color wheel 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 iron (ppm). (Fig. 3)

*WARNING: Iron Reagent #1 (R-0851) contains 8.8% hydrochloric acid, a corrosive acid.

Instr. #5415

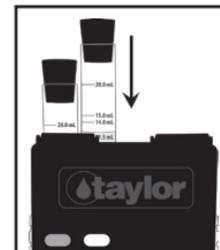


Fig. 1

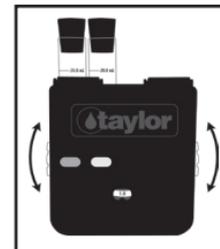


Fig. 2

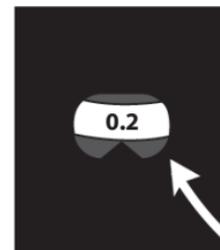


Fig. 3



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