LAUNDRY SPOT TEST
(Chlorine, Iron, pH)

COMPONENTS:

3 x 4030	**Pipet, Calibrated (0.5 & 1.0 mL) w/ cap, plastic**
1 x 5082	**Instruction**
1 x 5425	**Color Card Comparator/Instruction, pH, Long Range, 3.0-11.0**
1 x 9017	**Test Cell, Calibrated (5 mL) w/ cap, plastic**
1 x 9198	**Sample Tube, Graduated (25 mL) w/ cap, plastic**
1 x R-0600-C	**Orthotolidine*, 2 oz**
1 x R-0851-C	**Iron Reagent #1**, 2 oz**
1 x R-0852-C	**Iron Reagent #2, 2 oz**
1 x R-1003U-C-DB	**Long Range Indicator, 2 oz, DB**

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.

NOTE: When dispensing reagents from dropper bottles, **always** hold bottle in a vertical position.

CAUTION: Reagents may harm laundered products.

Total Chlorine Test

1. Using a 1.0 mL pipet (#4030), place 1 drop R-0600 Orthotolidine on laundered cloth, or add 0.5 mL to 10 mL laundry rinse. Cloth or sample will turn yellow if chlorine is present.

pH Test

1. Rinse and fill 5 mL test cell (#9017) to 5 mL mark with water to be tested.
2. Add 5 drops R-1003U Long Range Indicator. Cap and mix.
3. Lay test cell flat along white area of Color Card (#5425). Match color in test cell with a color standard. Record as pH units.

Iron Spot Test

To test cloth:

1. Using a 1.0 mL pipet (#4030), place 1 drop R-0851 Iron Reagent #1 on laundered cloth. WAIT 5 MINUTES.
2. Using a separate 1.0 mL pipet, place 2 drops R-0852 Iron Reagent #2 on same spot. Cloth will turn blue if iron is present.

To test rinse:

1. Rinse and fill 25 mL sample tube (#9198) to 10 mL mark with water to be tested.
2. Using a 1.0 mL pipet (#4030), add 0.5 mL R-0851 Iron Reagent #1. Swirl to mix. WAIT 5 MINUTES.
3. Using a separate 1.0 mL pipet, add 1.0 mL R-0852 Iron Reagent #2. Swirl to mix. Sample will turn blue if iron is present.

*WARNING: Orthotolidine (R-0600) contains 5-10% w/w hydrochloric acid, a strong corrosive acid, and 0.1-1% w/w orthotolidine, a suspected carcinogen.

**WARNING: Iron Reagent #1 (R-0851) contains 5-10% w/w hydrochloric acid, a corrosive acid.

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