

QUANTITY	CONTENTS	CODE
30 mL	*Ferric Iron Test Solution	*5116WT-G
30 mL	*Hydrochloric Acid	*6381-G
30 mL	*Chlorine Reagent, O-Tolidine	*4100-G
30 mL	*Sour Indicator Solution	*9078WT-G

To order individual reagents or test kit components, use the specified code number.

\*Reagent is a potential health hazard. **READ SDS:** lamotte.com

**Emergency information:**  
Chem-Tel USA 1-800-255-3924  
Int'l, call collect, 813-248-0585



PROCEDURE

NOTE: Run tests on an inconspicuous area of the fabric.

IRON IN FABRIC

- 1. Place one drop of \*Hydrochloric Acid [6381] on the fabric.
- 2. Place one drop of the \*Ferric Iron Test Solution [5116WT] on top of the \*Hydrochloric Acid.
- 3. An orange or red color will develop immediately if iron is present.

CAUTION: Rinse the test area of the fabric immediately after testing because the reagents are strongly acidic and could cause future damage to the fabric.

CHLORINE IN FABRIC

- 1. Place one drop of the \*Chlorine Reagent, O-Tolidine [4100] on the fabric.
- 2. A yellow color will develop if chlorine is present. A brownish color indicates a high chlorine level.

CAUTION: Rinse the test area of the fabric immediately after testing because the reagents are strongly acidic and could cause future damage to the fabric.

pH OF FABRIC

- 1. Place two drops of the \*Sour Indicator Solution [9078WT] on the fabric.
- 2. Observe the color produced. Use chart to determine pH level.

Red	Below pH 4.5	Very Acidic
Reddish Orange to Orange	4.5-5.5	Acidic
Yellow	6.0	Slightly Acidic
Green	7.0	Neutral
Green Blue	8.0	Slightly Alkaline
Blue-Purple	9.0 or above	Alkaline to Very Alkaline

- 3. Rinse the test area of the fabric immediately after testing.