

# CAROLINA ABSORBENT COTTON

**UNCONTROLLED  
DOCUMENT**

## 1. SPECIFICATION:

Pharmaceutical Grade **Snopure Coil** and # **1 Industrial Coil** (USP)

## 2. PURPOSE:

This specification covers 100% Absorbent bleached Cotton used in the manufacture of pharmaceutical coil.

## 3. ASSOCIATED MATERIALS:

Conforms to USP (Current Edition) General Chapter <670>.

## 4. PHYSICAL CHARACTERISTICS AND PURITY:

The coil will be relatively free of oil, stains, dirt, grease and other foreign matter. Coil weight: will be  $\pm 15\%$  of the specified weight. Coil properties: No more than one, un-spliced break allowed per case. Up to five breaks per case will allowed For 22 grain or lighter.

## 5. REQUIREMENTS:

The following tests will be performed on the raw material at the suppliers' laboratory according to the USP (current edition) General Chapter <670>. A certificate of analysis or a certificate of conformance is available upon request. The following requirements must be adhered to.

- 5.1 **Acidity/Alkalinity:** When tested, fiber will not display Pink color.
- 5.2 **Dyes:** When tested, fiber may show a Yellowish color, but neither a Blue or Green tint.
- 5.3 **Water Soluble Substances:** Will not exceed 0.35% (35 mg)
- 5.4 **Fatty Matter:** Will not exceed 0.7% (70 mg)
- 5.5 **Residue on Ignition:** Will not exceed 0.20%
- 5.6 **Loss on Drying:** Will Not Exceed 8.0 %
- 5.7 **Fluorescence:** Will not exhibit optical brightness.
- 5.8 **Foreign Matter:** Will be relatively free of oil, stains, dirt, grease and other foreign matter.
- 5.9 **Residual Hydrogen Peroxide:** Will Not Exceed 50ppm

## 6. PACKAGING

- 6.1 All coil will be visually inspected for contamination, in process and after being bagged before placing in case.
- 6.2 A 31 x 62 in., 6-micron, clear, high density, bottom sealed Poly bag will be used as an insert in a corrugated cardboard case.
- 6.3 All bags will be sealed with white tape.
- 6.4 All cases will be sealed with paper or plastic packaging tape.

## 7. INSPECTION

- 7.1 Coil will be weighed according to the following procedure.
- 7.2 Take three consecutive yards of coil from each case, roll into a ball and place on a calibrated gram scale. Record the results on the Cardroom Inspection Form. The following formula will be used for the acceptance and rejection of all coils.  
i.e.  $12 \text{ gram} \times 3 = 36 \text{ gram} \pm 15\% = \text{Low limit } 30.6\text{g}, \text{ High limit } 41.4\text{g}$   
When these weight limits are exceeded, the coil must be disposed of.
- 7.3 All coiler will be visually inspected for standard coiler wound pattern, cleanliness, and conformance to customer specifications.