



# Yocom-McColl Testing Laboratories, Inc.

540 West Elk Place • Denver, Colorado 80216-1823 USA

PHONE (303) 294-0582 • FAX (303) 295-6944

EMAIL: ymccoll@ymccoll.com

## Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Sopris Alpaca Farm/Cory Wesson  
84 Lariat Rd  
Silt CO 81652-8840 USA

**Date:** 09/19/17  
**Shear ID:** 156120  
**Test No:** 951220

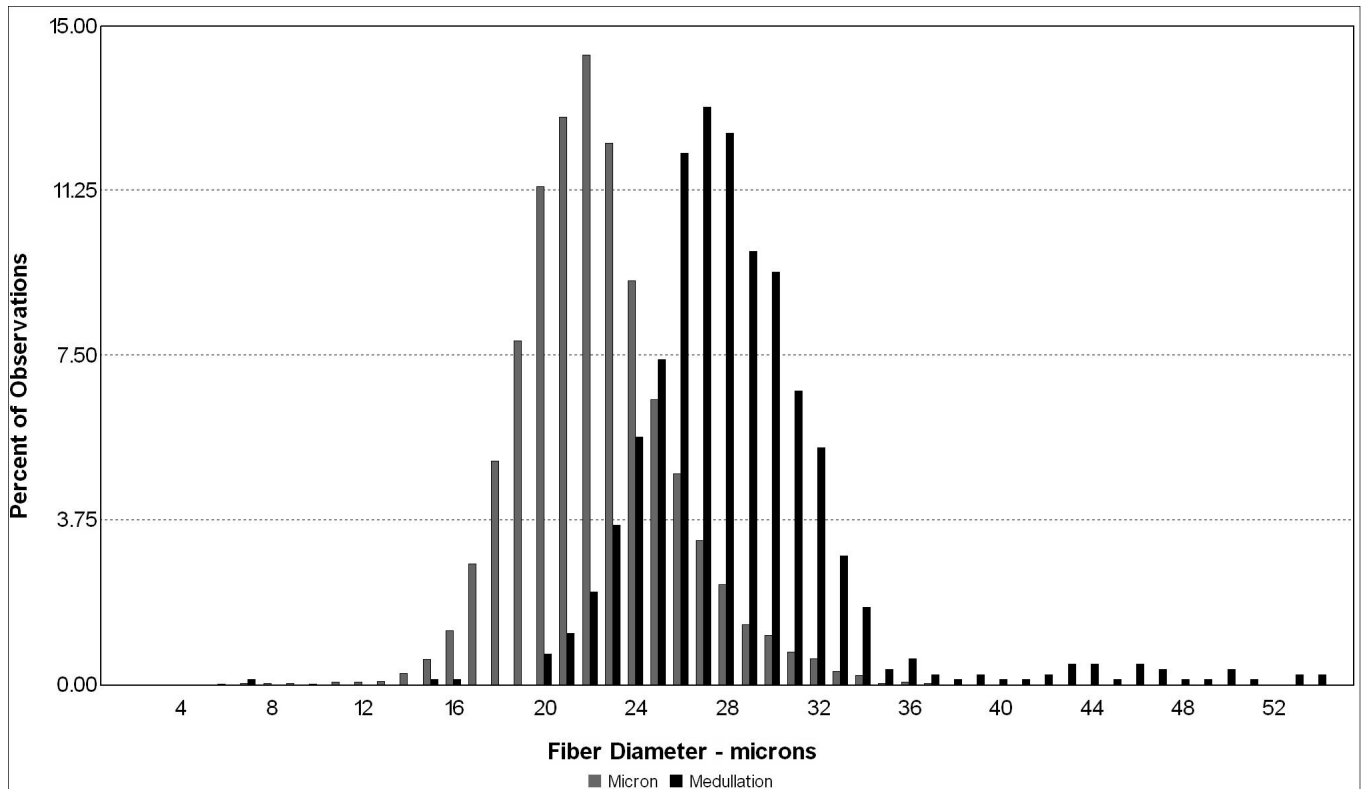
### Animal and Sample Description

**Animal Name:** Sopris Sweet Serenity  
**ARI #:** 35043379  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** White

**Date of Birth (Age):** 09/18/15  
**Sample Location:** Side  
**Sample Date:** 06/01/17  
**Previous Shear Date:** 06/01/16  
**Total Fleece Wt (lbs):** 5.14

### Laboratory Data

|                                        |              |                                         |             |
|----------------------------------------|--------------|-----------------------------------------|-------------|
| <b>Mean Fiber Diameter:</b>            | 22.4 microns | <b>Mean Staple Length:</b>              | 91.0 mm     |
| <b>Standard Deviation:</b>             | 3.7 microns  | <b>Length Standard Deviation:</b>       | 2.8 mm      |
| <b>Coefficient of Variation:</b>       | 16.4 %       | <b>Length Coefficient of Variation:</b> | 3.1 %       |
| <b>Spin Fineness:</b>                  | 21.0 microns | <b>Mean Curvature:</b>                  | 40.3 deg/mm |
| <b>Fibers Greater Than 30 microns:</b> | 2.4 %        | <b>SD Curvature:</b>                    | 20.4 deg/mm |
| <b>Comfort Factor:</b>                 | 97.6 %       | <b>Medullated Fibers:</b>               | 9.7 %       |



This Test Performed According to I.W.T.O Method 47