



# Yocom-McColl Testing Laboratories, Inc.

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

Shambalah Alpaca Ranch/Hillary J Devin  
7157 E Park Dr  
Franktown CO 80116-9631

**Date:** 08/17/18  
**Shear ID:** 170399  
**Test No:** 967214

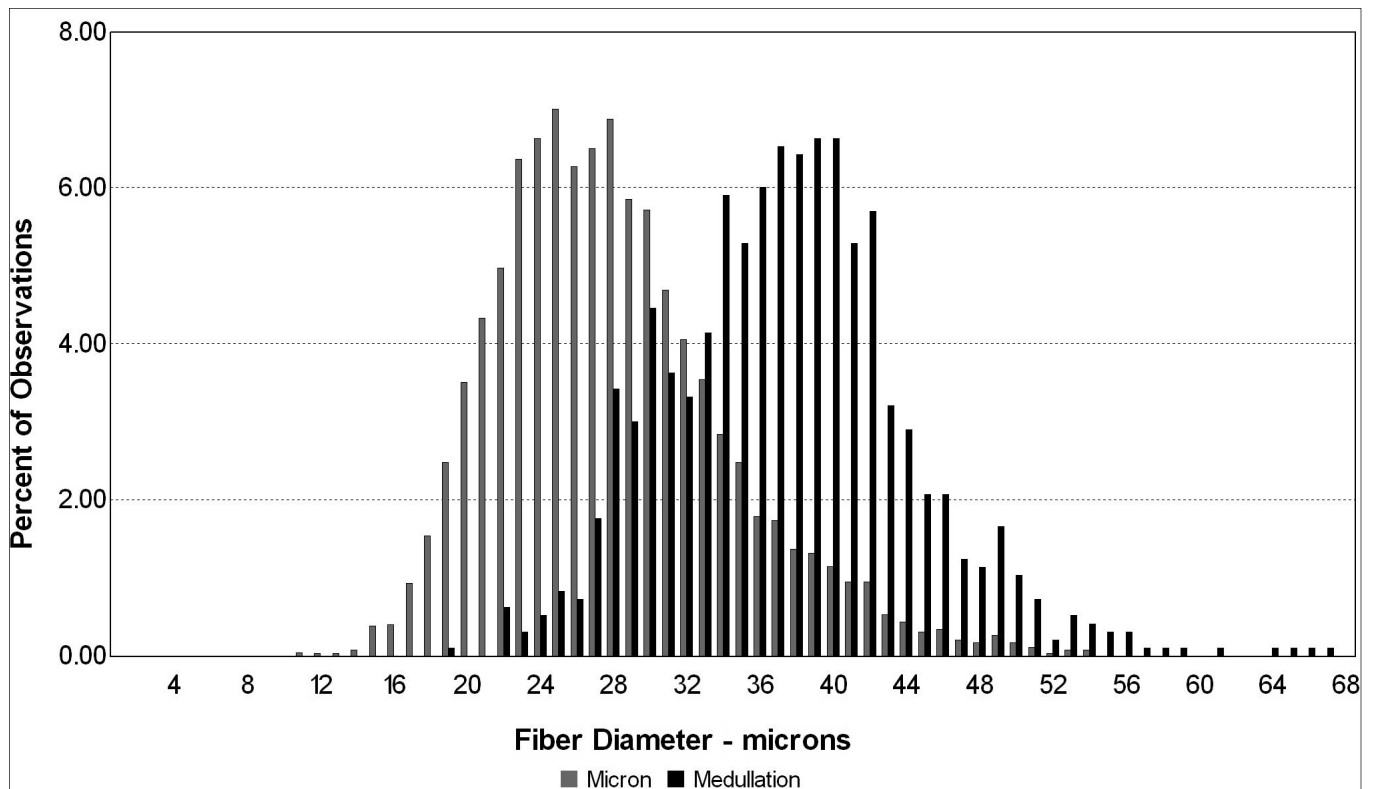
### Animal and Sample Description

**Animal Name:** SMR's Cynthia  
**ARI #:** 31937993  
**Breed:** Alpaca(Suri)  
**Sex:** Female  
**Color:** White

**Date of Birth (Age):** 05/20/10  
**Sample Location:** Side  
**Sample Date:** 06/02/18  
**Previous Shear Date:** 06/04/17  
**Total Fleece Wt (lbs):** 3.56

### Laboratory Data

<b>Mean Fiber Diameter:</b>	28.1 microns	<b>Mean Staple Length:</b>	132.2 mm
<b>Standard Deviation:</b>	6.7 microns	<b>Length Standard Deviation:</b>	4.2 mm
<b>Coefficient of Variation:</b>	23.9 %	<b>Length Coefficient of Variation:</b>	3.1 %
<b>Spin Fineness:</b>	28.1 microns	<b>Mean Curvature:</b>	10.5 deg/mm
<b>Fibers Greater Than 30 microns:</b>	30.0 %	<b>SD Curvature:</b>	10.8 deg/mm
<b>Comfort Factor:</b>	70.0 %	<b>Medullated Fibers:</b>	15.0 %



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