



# 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:** 170410  
**Test No:** 967233

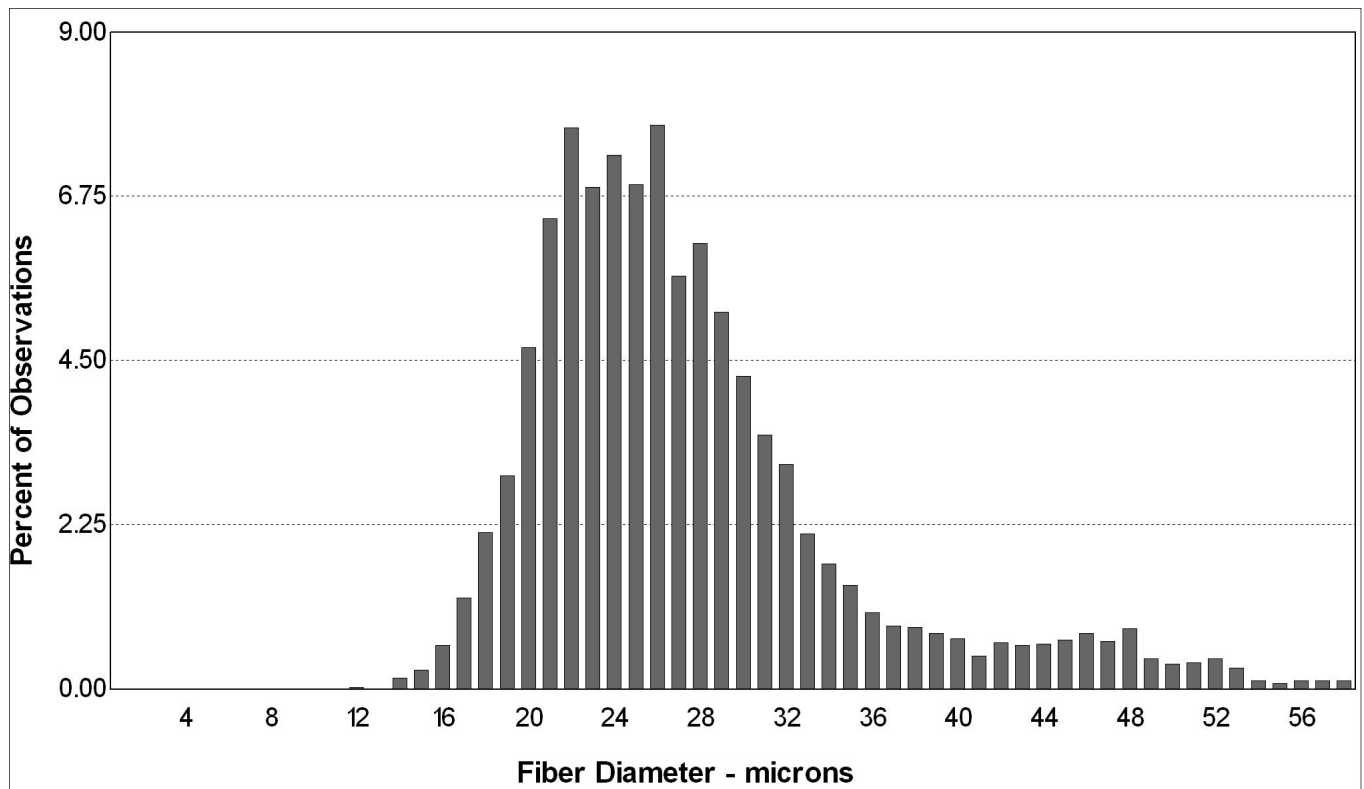
### Animal and Sample Description

**Animal Name:** Shambalah's Lindi Ortega  
**ARI #:** 35260622  
**Breed:** Alpaca(Suri)  
**Sex:** Female  
**Color:** True Black

**Date of Birth (Age):** 07/27/14  
**Sample Location:** Side  
**Sample Date:** 06/02/18  
**Previous Shear Date:** 06/04/17  
**Total Fleece Wt (lbs):** 4.06

### Laboratory Data

<b>Mean Fiber Diameter:</b>	27.5 microns	<b>Mean Staple Length:</b>	140.0 mm
<b>Standard Deviation:</b>	7.7 microns	<b>Length Standard Deviation:</b>	3.2 mm
<b>Coefficient of Variation:</b>	28.1 %	<b>Length Coefficient of Variation:</b>	2.3 %
<b>Spin Fineness:</b>	28.7 microns	<b>Mean Curvature:</b>	11.8 deg/mm
<b>Fibers Greater Than 30 microns:</b>	23.8 %	<b>SD Curvature:</b>	16.2 deg/mm
<b>Comfort Factor:</b>	76.2 %		



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