



# 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

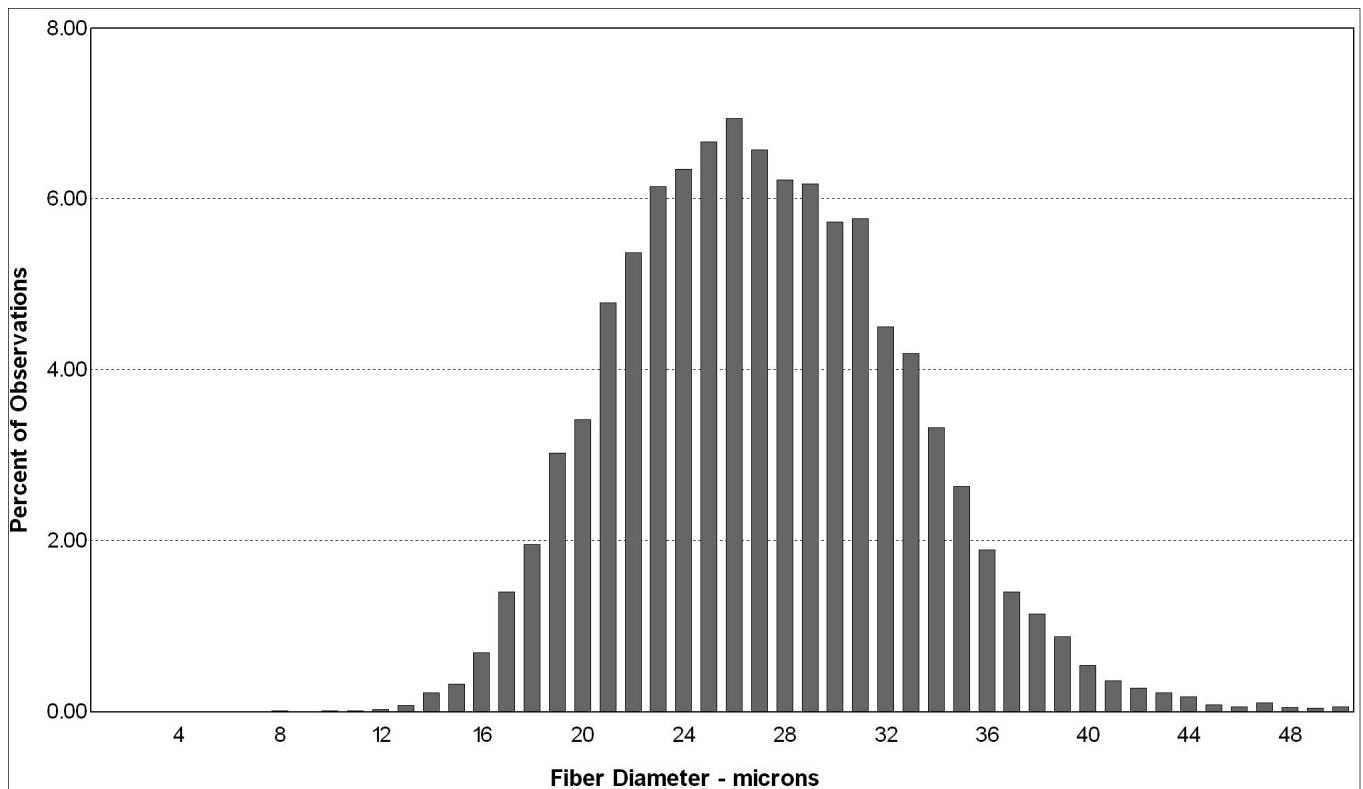
**Date:** 08/09/19  
**Shear ID:** 187292  
**Test No:** 979285

### Animal and Sample Description

<b>Animal Name:</b>	AROSA Coalfire's Goldie	<b>Date of Birth (Age):</b>	05/23/12
<b>ARI #:</b>	32571523	<b>Sample Location:</b>	Side
<b>Breed:</b>	Alpaca(Suri)	<b>Sample Date:</b>	06/01/19
<b>Sex:</b>	Female	<b>Previous Shear Date:</b>	06/02/18
<b>Color:</b>	Med Fawn	<b>Total Fleece Wt (lbs):</b>	5.90

### Laboratory Data

<b>Mean Fiber Diameter:</b>	27.3 microns	<b>Mean Staple Length:</b>	128.2 mm
<b>Standard Deviation:</b>	5.8 microns	<b>Length Standard Deviation:</b>	4.0 mm
<b>Coefficient of Variation:</b>	21.4 %	<b>Length Coefficient of Variation:</b>	3.1 %
<b>Spin Fineness:</b>	26.6 microns	<b>Mean Curvature:</b>	10.6 deg/mm
<b>Fibers Greater Than 30 microns:</b>	27.9 %	<b>SD Curvature:</b>	12.2 deg/mm
<b>Comfort Factor:</b>	72.1 %		



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