



# 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: 06/27/15  
Shear ID: 98632  
Test No: 904503

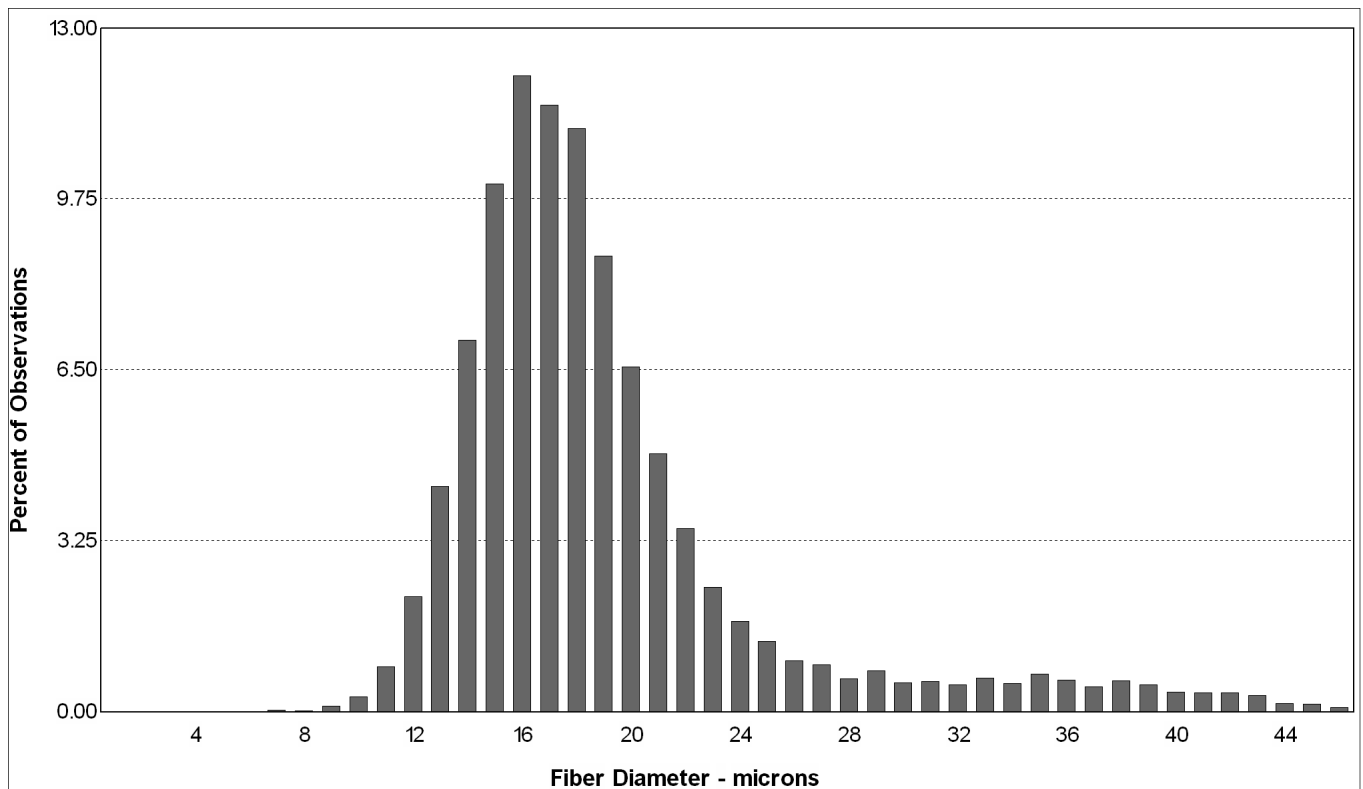
### Animal and Sample Description

**Animal Name:** Shambalah's Fernando  
**ARI #:** 35260714  
**Breed:** Alpaca(Suri)  
**Sex:** Male  
**Color:** Dark Brown

**Date of Birth (Age):** 06/25/14  
**Sample Location:** Side  
**Sample Date:** 05/24/15  
**Previous Shear Date:** XX/XX/XX  
**Total Fleece Wt (lbs):** 3.25

### Laboratory Data

<b>Mean Fiber Diameter:</b>	19.4 microns	<b>Mean Staple Length:</b>	161.0 mm
<b>Standard Deviation:</b>	6.7 microns	<b>Length Standard Deviation:</b>	5.2 mm
<b>Coefficient of Variation:</b>	34.6 %	<b>Length Coefficient of Variation:</b>	3.3 %
<b>Spin Fineness:</b>	21.6 microns	<b>Mean Curvature:</b>	16.1 deg/mm
<b>Fibers Greater Than 30 microns:</b>	7.6 %	<b>SD Curvature:</b>	17.9 deg/mm
<b>Comfort Factor:</b>	92.4 %		



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