



# 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:** 08/10/17  
**Shear ID:** 146180  
**Test No:** 947304

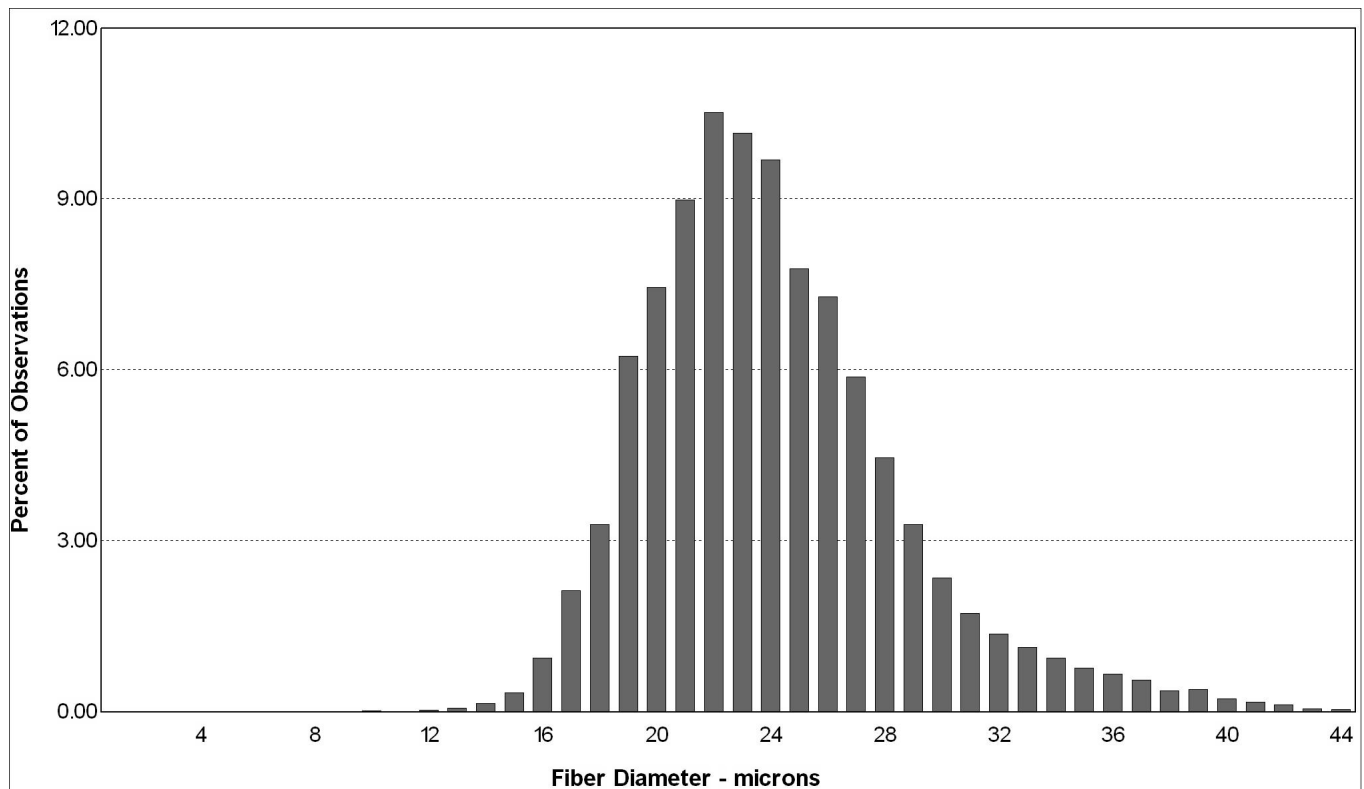
### Animal and Sample Description

**Animal Name:** Shambalah's Champagne Supernova  
**ARI #:** 32332087  
**Breed:** Alpaca(Suri)  
**Sex:** Male  
**Color:** Lt Fawn

**Date of Birth (Age):** 08/03/11  
**Sample Location:** Side  
**Sample Date:** 06/04/17  
**Previous Shear Date:** 06/05/16  
**Total Fleece Wt (lbs):** 5.70

### Laboratory Data

<b>Mean Fiber Diameter:</b>	24.3 microns	<b>Mean Staple Length:</b>	122.6 mm
<b>Standard Deviation:</b>	5.2 microns	<b>Length Standard Deviation:</b>	3.9 mm
<b>Coefficient of Variation:</b>	21.3 %	<b>Length Coefficient of Variation:</b>	3.1 %
<b>Spin Fineness:</b>	23.7 microns	<b>Mean Curvature:</b>	8.6 deg/mm
<b>Fibers Greater Than 30 microns:</b>	9.0 %	<b>SD Curvature:</b>	9.4 deg/mm
<b>Comfort Factor:</b>	91.0 %		



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