



# Yocom-McColl Testing Laboratories, Inc.

540 West Elk Place • Denver, Colorado 80216-1823 USA

PHONE (303) 294-0582 • FAX (303) 295-6944

EMAIL: ymccoll@ymccoll.com

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

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

**Date:** 06/27/17  
**Shear ID:** 143118  
**Test No:** 943698

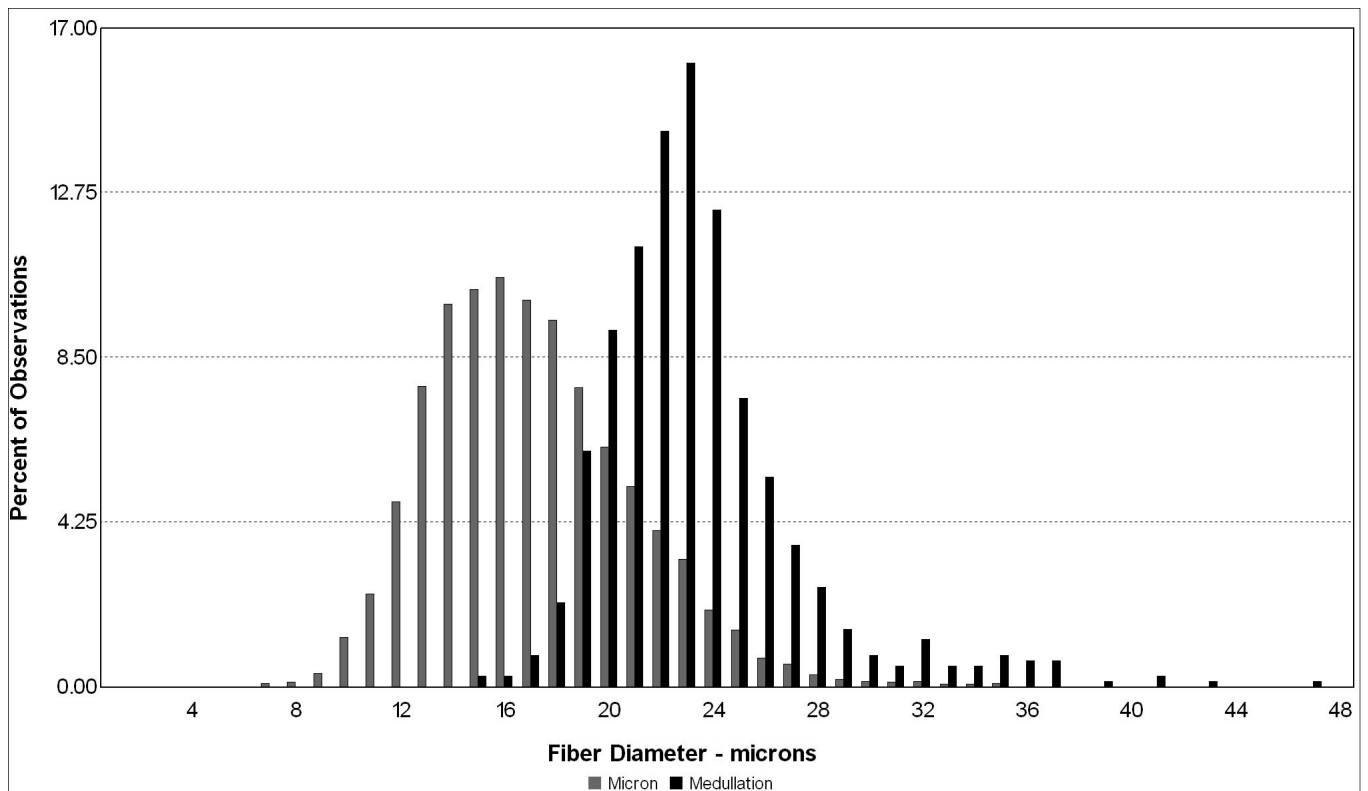
### Animal and Sample Description

**Animal Name:** Shambalah's Johnny Boy  
**ARI #:** 35136217  
**Breed:** Alpaca(Suri)  
**Sex:** Male  
**Color:** Beige

**Date of Birth (Age):** 07/13/16  
**Sample Location:** Side  
**Sample Date:** 05/07/17  
**Previous Shear Date:** XX/XX/XX  
**Total Fleece Wt (lbs):** 3.00

### Laboratory Data

<b>Mean Fiber Diameter:</b>	17.3 microns	<b>Mean Staple Length:</b>	190.8 mm
<b>Standard Deviation:</b>	4.5 microns	<b>Length Standard Deviation:</b>	6.1 mm
<b>Coefficient of Variation:</b>	26.0 %	<b>Length Coefficient of Variation:</b>	3.2 %
<b>Spin Fineness:</b>	17.7 microns	<b>Mean Curvature:</b>	12.6 deg/mm
<b>Fibers Greater Than 30 microns:</b>	1.3 %	<b>SD Curvature:</b>	13.3 deg/mm
<b>Comfort Factor:</b>	98.7 %	<b>Medullated Fibers:</b>	9.6 %



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