



# Yocom-McColl Testing Laboratories, Inc.

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

Hobby Horse Farm/Shalna Brummet & Jeff Skinner  
3850 S Medina Line Rd  
Wadsworth OH 44281 USA

**Date:** 08/08/16  
**Shear ID:** 127414  
**Test No:** 930078

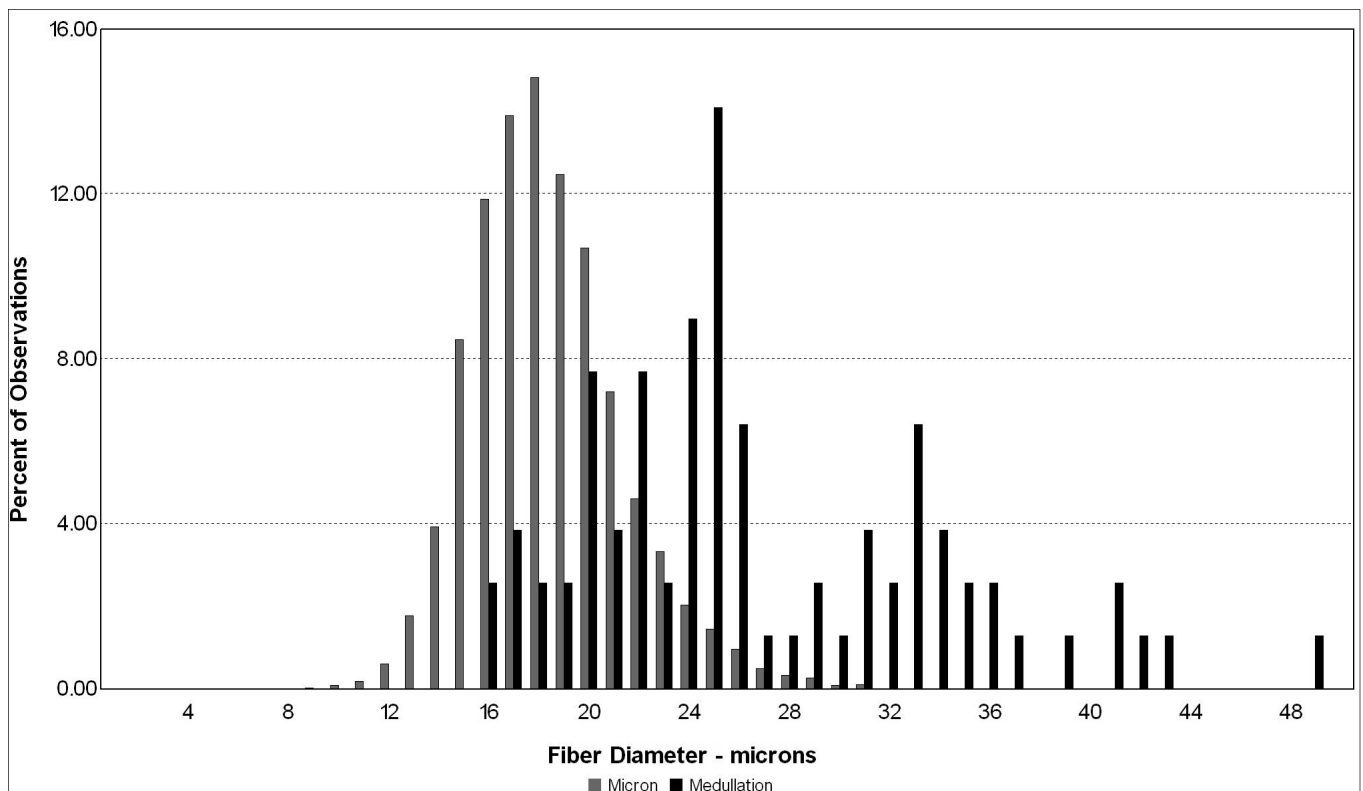
### Animal and Sample Description

**Animal Name:** Hobby Horse Peruvian Best Beau  
**ARI #:** 32312102  
**Breed:** Alpaca(Huacaya)  
**Sex:** Male  
**Color:** White

**Date of Birth (Age):** 05/19/12  
**Sample Location:** Side  
**Sample Date:** 05/28/16  
**Previous Shear Date:** 05/13/15  
**Total Fleece Wt (lbs):** 4.40

### Laboratory Data

<b>Mean Fiber Diameter:</b>	18.5 microns	<b>Mean Staple Length:</b>	106.0 mm
<b>Standard Deviation:</b>	3.2 microns	<b>Length Standard Deviation:</b>	1.9 mm
<b>Coefficient of Variation:</b>	17.1 %	<b>Length Coefficient of Variation:</b>	1.8 %
<b>Spin Fineness:</b>	17.4 microns	<b>Mean Curvature:</b>	40.6 deg/mm
<b>Fibers Greater Than 30 microns:</b>	0.5 %	<b>SD Curvature:</b>	23.0 deg/mm
<b>Comfort Factor:</b>	99.5 %	<b>Medullated Fibers:</b>	0.6 %



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