



# Yocom-McColl Testing Laboratories, Inc.

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

Plum Creek Alpacas/Brian B. Smith  
8260 Plum Creek Way  
Prescott Valley AZ 86315-9260 USA

**Date:** 07/22/19  
**Shear ID:** 184543  
**Test No:** 976870

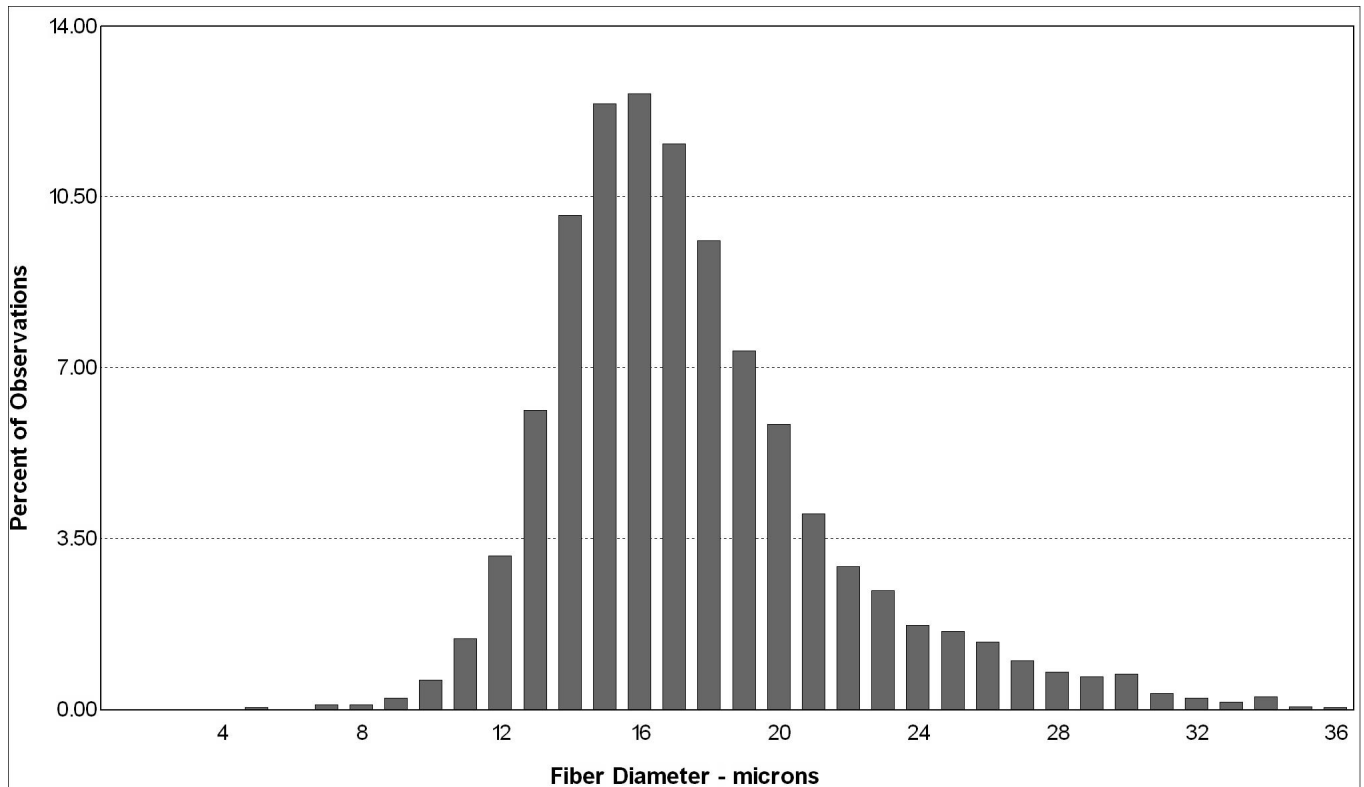
### Animal and Sample Description

**Animal Name:** SNR's Phantasia  
**ARI #:** 32562460  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** Med Silver Grey

**Date of Birth (Age):** 04/22/13  
**Sample Location:** Side  
**Sample Date:** 04/17/19  
**Previous Shear Date:** 04/03/18  
**Total Fleece Wt (lbs):** 3.38

### Laboratory Data

<b>Mean Fiber Diameter:</b>	17.6 microns	<b>Mean Staple Length:</b>	69.8 mm
<b>Standard Deviation:</b>	4.7 microns	<b>Length Standard Deviation:</b>	6.8 mm
<b>Coefficient of Variation:</b>	26.4 %	<b>Length Coefficient of Variation:</b>	9.7 %
<b>Spin Fineness:</b>	18.0 microns	<b>Mean Curvature:</b>	53.3 deg/mm
<b>Fibers Greater Than 30 microns:</b>	1.4 %	<b>SD Curvature:</b>	28.8 deg/mm
<b>Comfort Factor:</b>	98.6 %		



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