



# 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:** 184564  
**Test No:** 976873

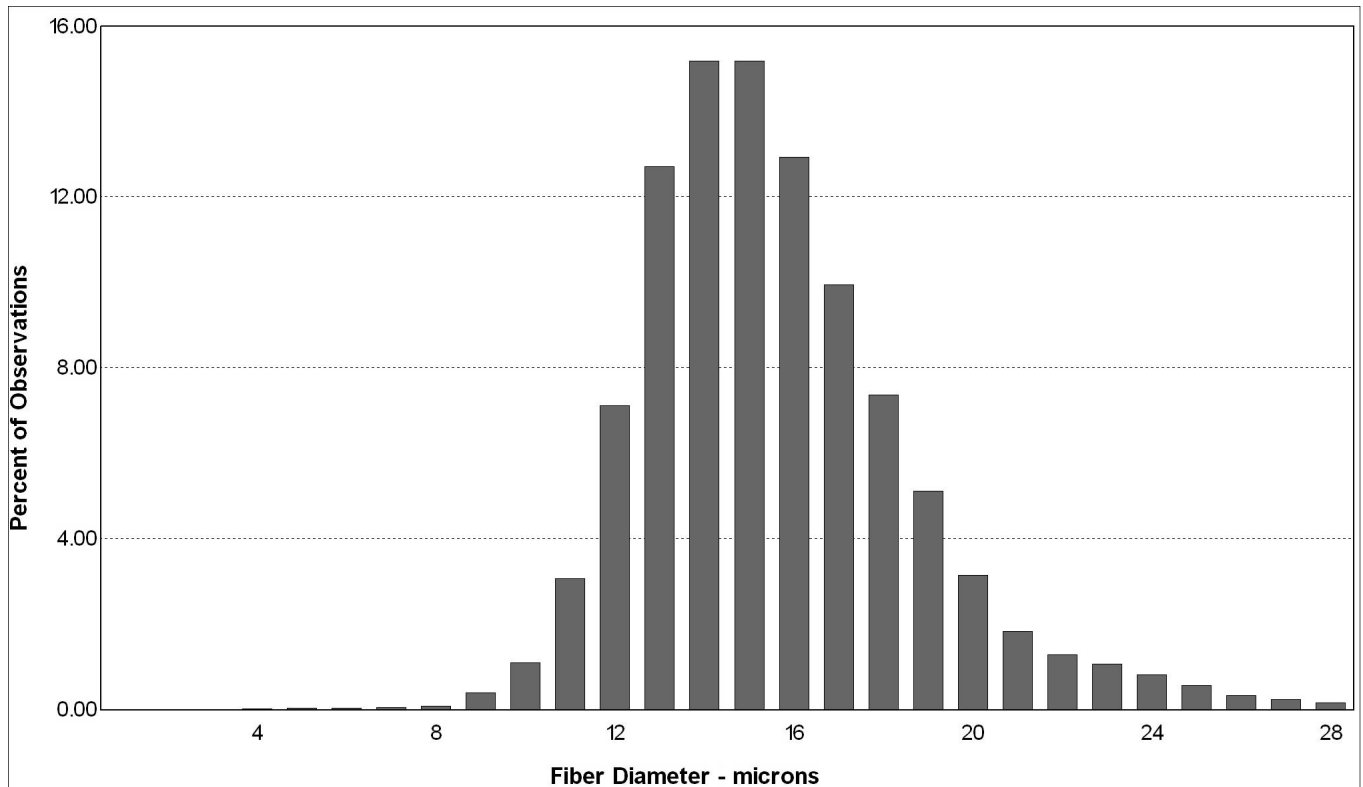
### Animal and Sample Description

**Animal Name:** Plum Creek's Sterling  
**ARI #:** 35466819  
**Breed:** Alpaca(Huacaya)  
**Sex:** Male  
**Color:** Dark Rose Grey

**Date of Birth (Age):** 05/20/18  
**Sample Location:** Side  
**Sample Date:** 04/17/19  
**Previous Shear Date:** 07/05/18  
**Total Fleece Wt (lbs):** 4.25

### Laboratory Data

<b>Mean Fiber Diameter:</b>	15.6 microns	<b>Mean Staple Length:</b>	81.4 mm
<b>Standard Deviation:</b>	3.1 microns	<b>Length Standard Deviation:</b>	1.7 mm
<b>Coefficient of Variation:</b>	20.1 %	<b>Length Coefficient of Variation:</b>	2.1 %
<b>Spin Fineness:</b>	15.1 microns	<b>Mean Curvature:</b>	48.7 deg/mm
<b>Fibers Greater Than 30 microns:</b>	0.2 %	<b>SD Curvature:</b>	27.2 deg/mm
<b>Comfort Factor:</b>	99.8 %		



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