



# 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:** 184549  
**Test No:** 976869

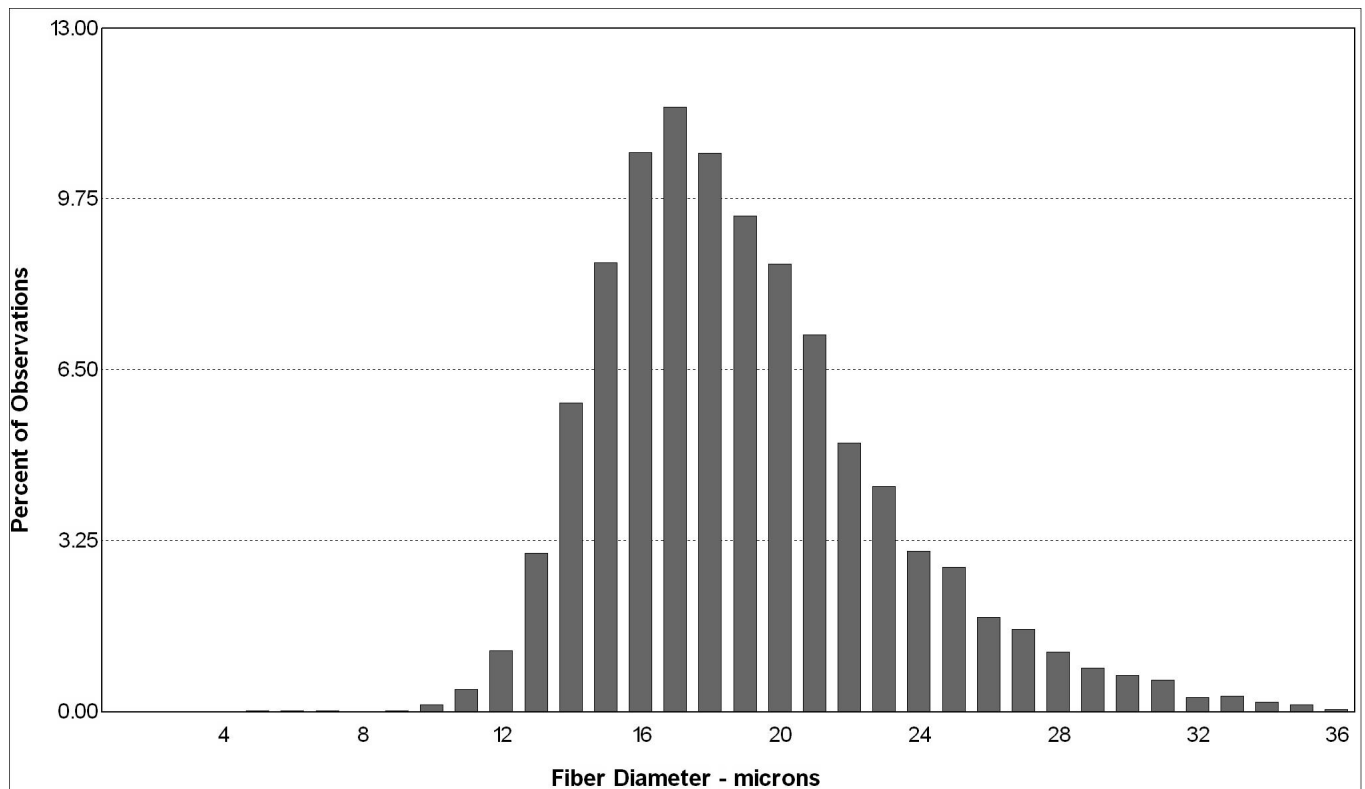
### Animal and Sample Description

**Animal Name:** Noeme's Fairyglen Gemma  
**ARI #:** 35024521  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** Dark Fawn

**Date of Birth (Age):** 06/14/15  
**Sample Location:** Side  
**Sample Date:** 04/17/19  
**Previous Shear Date:** 05/13/18  
**Total Fleece Wt (lbs):** 7.13

### Laboratory Data

<b>Mean Fiber Diameter:</b>	19.0 microns	<b>Mean Staple Length:</b>	79.6 mm
<b>Standard Deviation:</b>	4.3 microns	<b>Length Standard Deviation:</b>	2.0 mm
<b>Coefficient of Variation:</b>	22.5 %	<b>Length Coefficient of Variation:</b>	2.5 %
<b>Spin Fineness:</b>	18.8 microns	<b>Mean Curvature:</b>	41.7 deg/mm
<b>Fibers Greater Than 30 microns:</b>	1.8 %	<b>SD Curvature:</b>	24.9 deg/mm
<b>Comfort Factor:</b>	98.2 %		



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