



# Yocom-McColl Testing Laboratories, Inc.

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

Mystic Reign Alpacas/Kenny & Sheri Bowman  
6269 E Knights Way  
Prescott Valley AZ 86314 USA

**Date:** 08/22/17  
**Shear ID:** 148972  
**Test No:** 949050

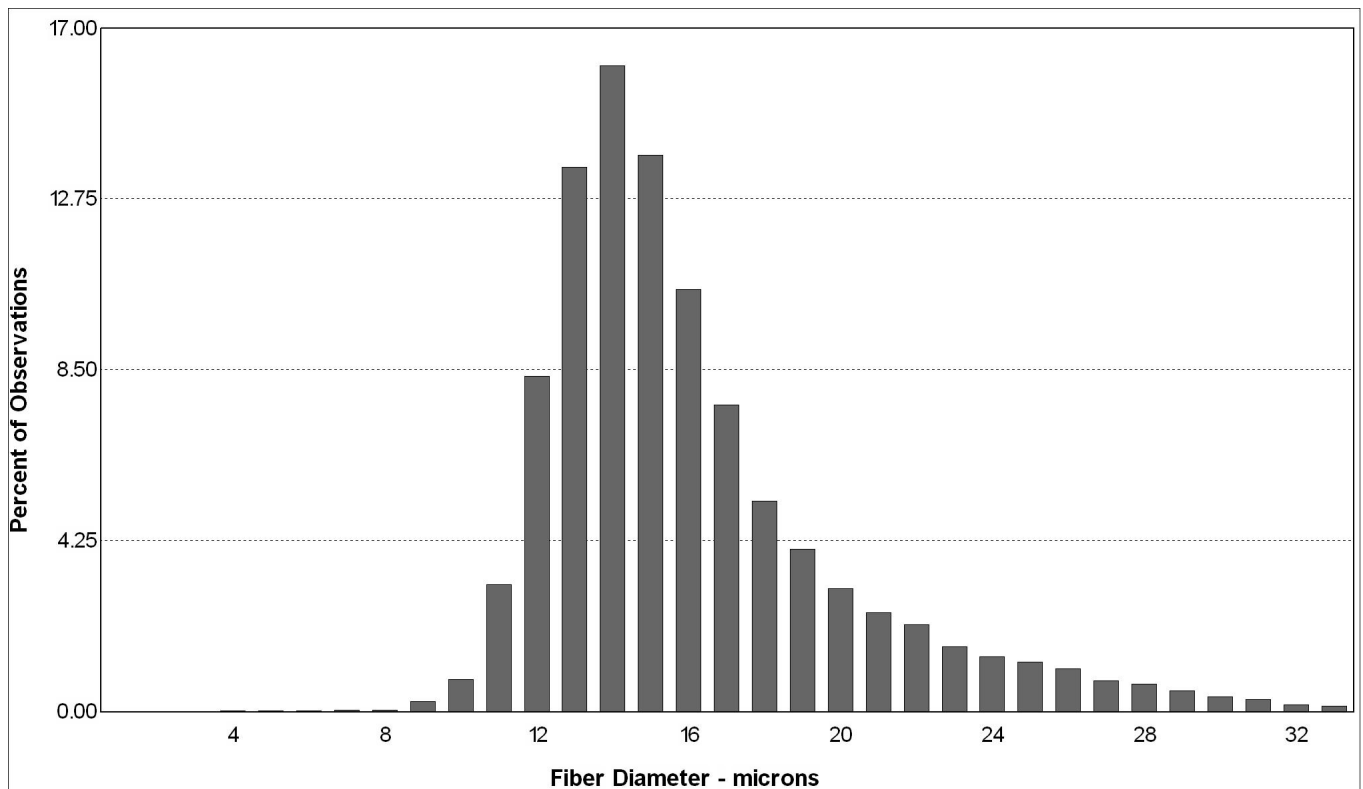
### Animal and Sample Description

**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:** 04/15/17  
**Previous Shear Date:** 04/16/16  
**Total Fleece Wt (lbs):** 5.38

### Laboratory Data

<b>Mean Fiber Diameter:</b>	16.2 microns	<b>Mean Staple Length:</b>	85.4 mm
<b>Standard Deviation:</b>	4.4 microns	<b>Length Standard Deviation:</b>	6.2 mm
<b>Coefficient of Variation:</b>	27.0 %	<b>Length Coefficient of Variation:</b>	7.3 %
<b>Spin Fineness:</b>	16.7 microns	<b>Mean Curvature:</b>	53.1 deg/mm
<b>Fibers Greater Than 30 microns:</b>	1.3 %	<b>SD Curvature:</b>	29.8 deg/mm
<b>Comfort Factor:</b>	98.7 %		



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