



# Yocom-McColl Testing Laboratories, Inc.

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

Rare Gem Alpacas/Darcy Phillips  
3507 W Stetson Ave #202  
Hemet CA 92545-9740 USA

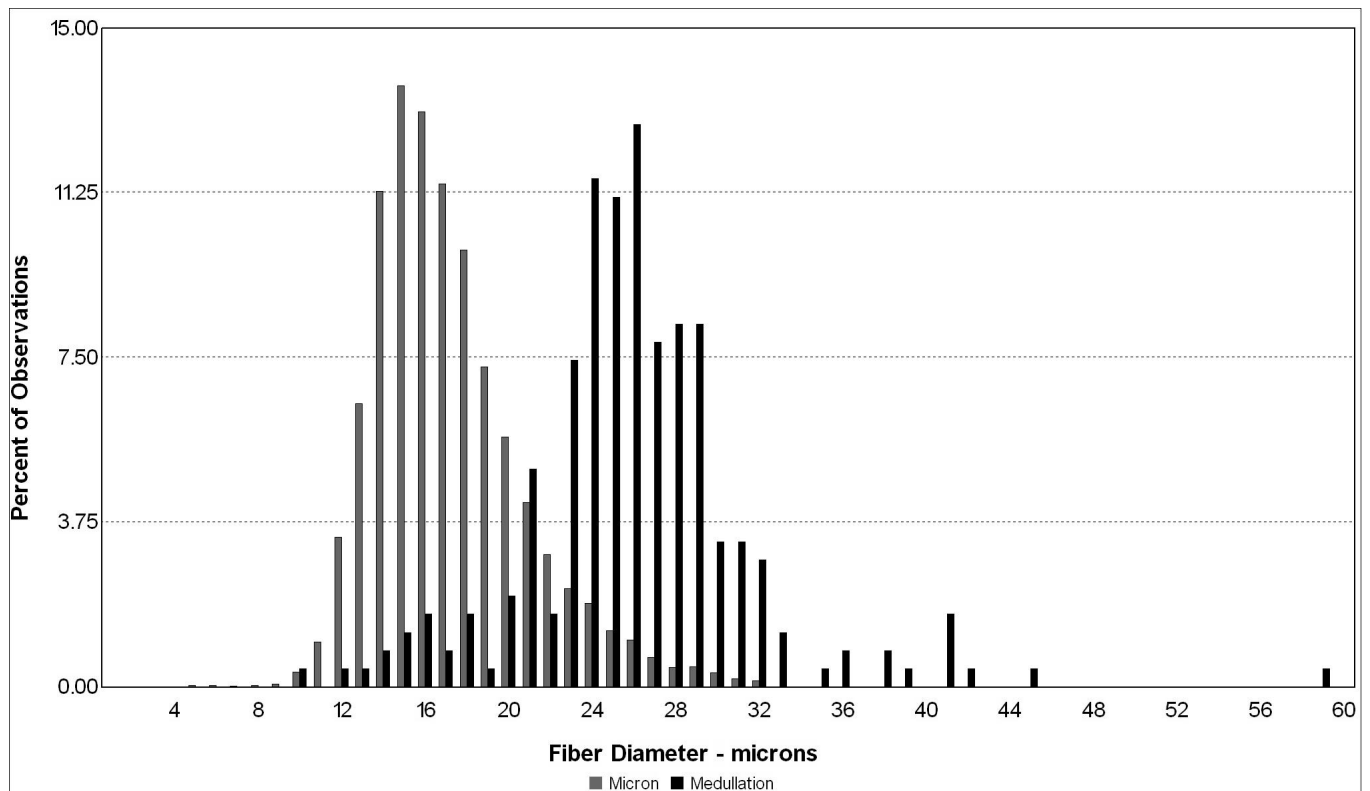
**Date:** 09/19/19  
**Shear ID:** 194092  
**Test No:** 983447

### Animal and Sample Description

<b>Animal Name:</b> Rare Gem Marshmallow Moon (Small Sample)	<b>Date of Birth (Age):</b> 07/17/17
<b>ARI #:</b> 35589099	<b>Sample Location:</b> Side
<b>Breed:</b> Alpaca(Huacaya)	<b>Sample Date:</b> 04/16/19
<b>Sex:</b> Female	<b>Previous Shear Date:</b> 07/01/18
<b>Color:</b> White	<b>Total Fleece Wt (lbs):</b> 6.00

### Laboratory Data

<b>Mean Fiber Diameter:</b> 17.3 microns	<b>Mean Staple Length:</b> 84.4 mm
<b>Standard Deviation:</b> 3.8 microns	<b>Length Standard Deviation:</b> 3.3 mm
<b>Coefficient of Variation:</b> 22.1 %	<b>Length Coefficient of Variation:</b> 3.9 %
<b>Spin Fineness:</b> 17.0 microns	<b>Mean Curvature:</b> 58.7 deg/mm
<b>Fibers Greater Than 30 microns:</b> 0.6 %	<b>SD Curvature:</b> 33.7 deg/mm
<b>Comfort Factor:</b> 99.4 %	<b>Medullated Fibers:</b> 3.8 %



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