



# 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 #202  
Hemet CA 92545-9740 USA

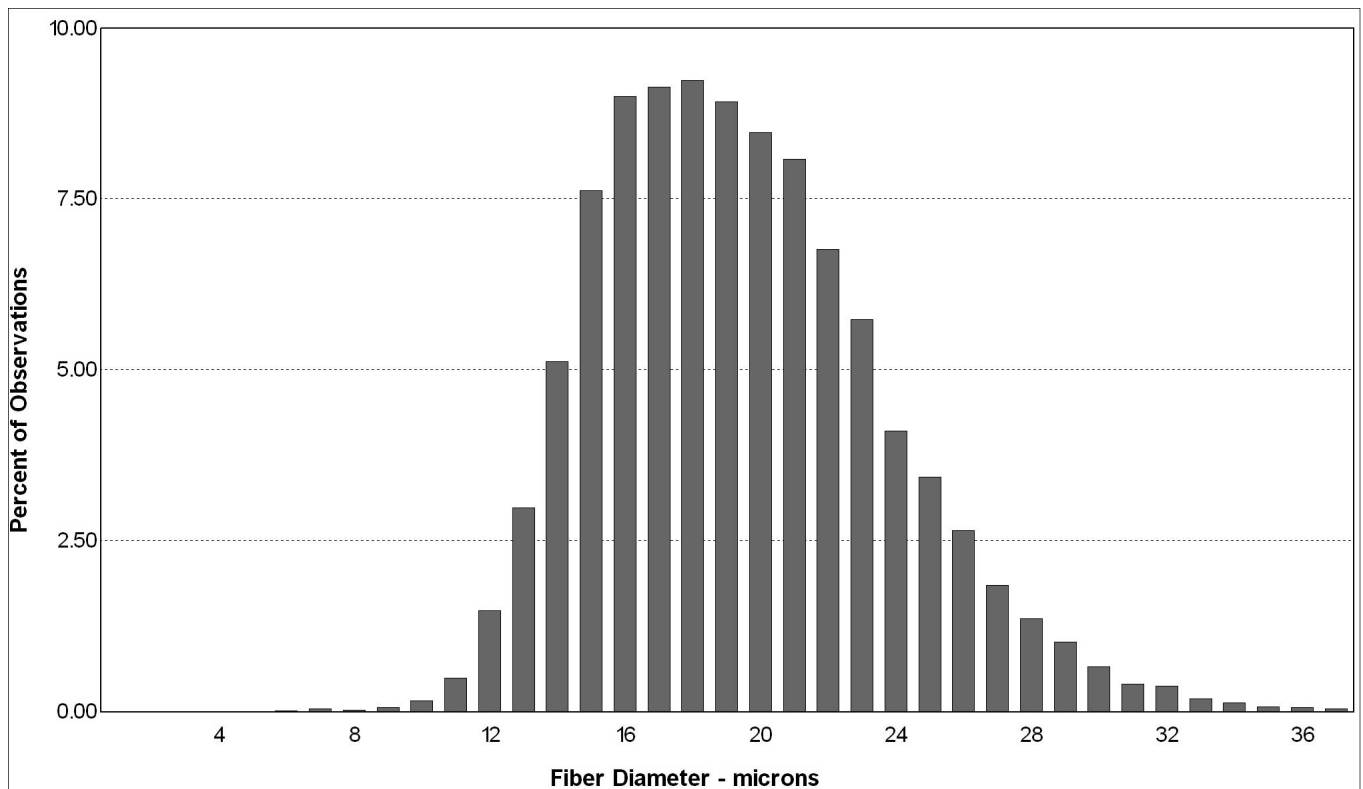
Date: 08/10/17  
Shear ID: 149247  
Test No: 949320

### Animal and Sample Description

<b>Animal Name:</b>	Rare Gem Grace O'Malley	<b>Date of Birth (Age):</b>	05/27/16
<b>ARI #:</b>	35166399	<b>Sample Location:</b>	Side
<b>Breed:</b>	Alpaca(Huacaya)	<b>Sample Date:</b>	04/15/17
<b>Sex:</b>	Female	<b>Previous Shear Date:</b>	06/22/16
<b>Color:</b>	True Black	<b>Total Fleece Wt (lbs):</b>	3.80

### Laboratory Data

<b>Mean Fiber Diameter:</b>	19.5 microns	<b>Mean Staple Length:</b>	91.6 mm
<b>Standard Deviation:</b>	4.5 microns	<b>Length Standard Deviation:</b>	6.2 mm
<b>Coefficient of Variation:</b>	22.8 %	<b>Length Coefficient of Variation:</b>	6.8 %
<b>Spin Fineness:</b>	19.3 microns	<b>Mean Curvature:</b>	32.7 deg/mm
<b>Fibers Greater Than 30 microns:</b>	1.6 %	<b>SD Curvature:</b>	24.0 deg/mm
<b>Comfort Factor:</b>	98.4 %		



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