



# Yocom-McColl Testing Laboratories, Inc.

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

High Country Alpacas, LLC/Mary Wilcox  
3805 E Equestrian Trail  
Phoenix AZ 85044-3008

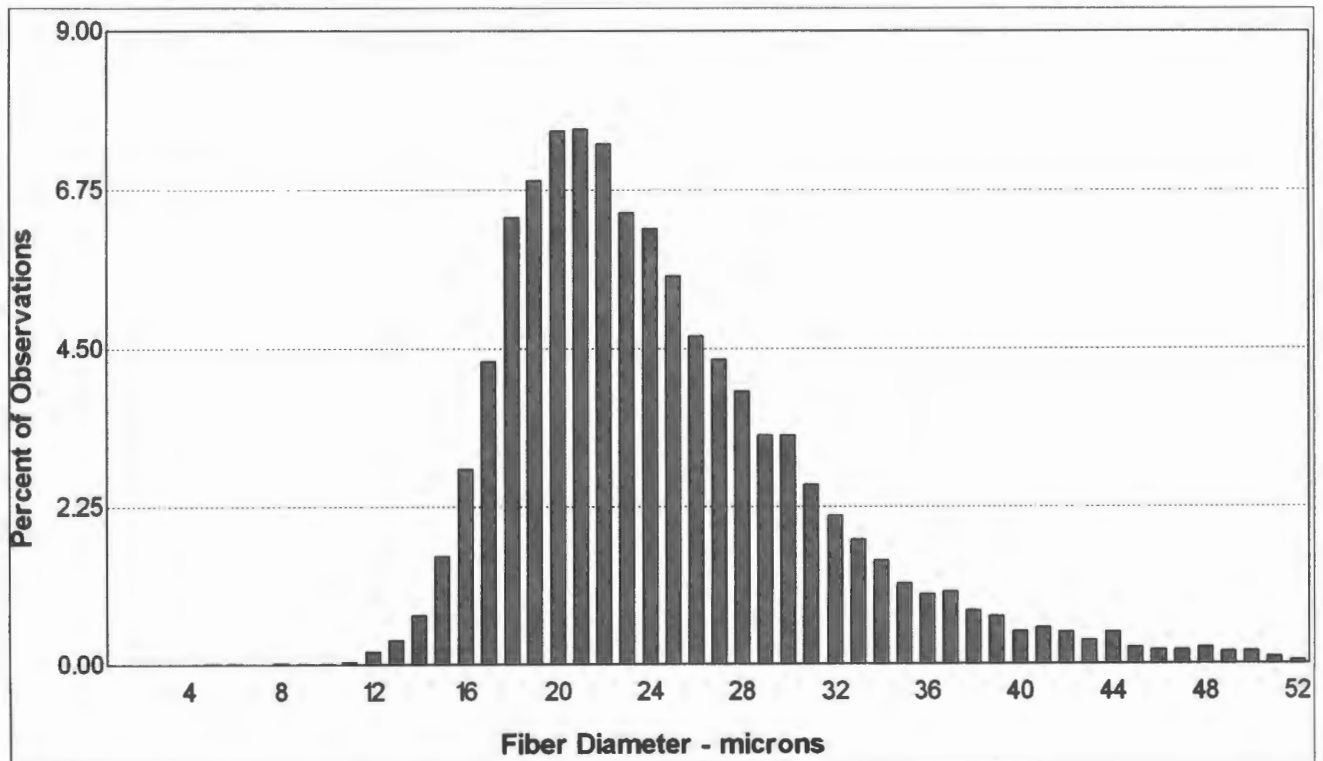
Date: 08/24/13  
Shear ID: 53856  
Test No: 468340

### Animal and Sample Description

<b>Animal Name:</b> HCA Sirius Black Phantom	<b>Date of Birth (Age):</b> 11/30/10
<b>ARI #:</b> 32102130	<b>Sample Location:</b> Side
<b>Breed:</b> Alpaca(Suri)	<b>Sample Date:</b> 06/01/13
<b>Sex:</b> Male	<b>Previous Shear Date:</b> 06/12/12
<b>Color:</b> True Black	<b>Total Fleece Wt (lbs):</b> 7.10

### Laboratory Data

<b>Mean Fiber Diameter:</b> 24.6 microns	<b>Mean Staple Length:</b> 129.0 mm
<b>Standard Deviation:</b> 6.9 microns	<b>Length Standard Deviation:</b> 5.5 mm
<b>Coefficient of Variation:</b> 27.9 %	<b>Length Coefficient of Variation:</b> 4.3 %
<b>Spin Fineness:</b> 25.5 microns	<b>Mean Curvature:</b> 13.2 deg/mm
<b>Fibers Greater Than 30 microns:</b> 16.5 %	<b>SD Curvature:</b> 14.0 deg/mm
<b>Comfort Factor:</b> 83.5 %	



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