



# Yocom-McColl Testing Laboratories, Inc.

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

Blazing Star Ranch/Karen S Champion  
5906 E Nichols Ln  
Centennial CO 80112-3056 USA

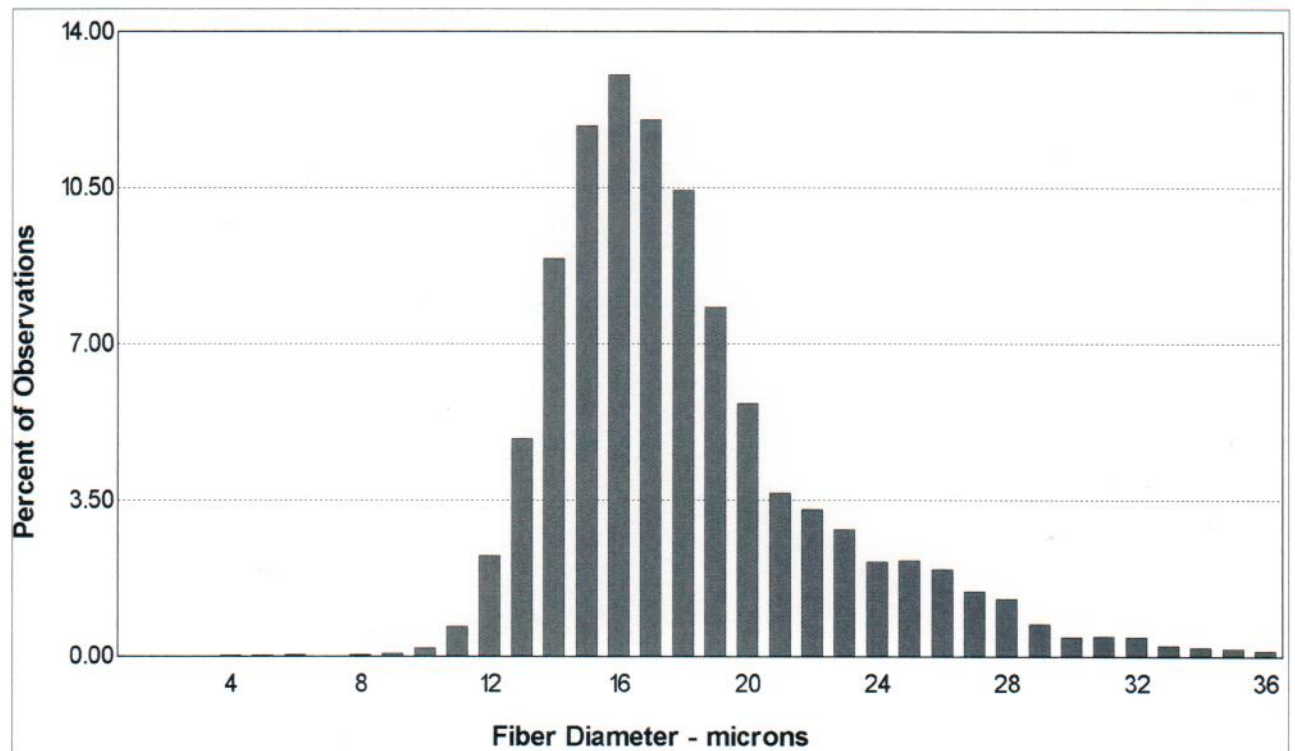
Date: 08/05/14  
Shear ID: 83627  
Test No: 488706

### Animal and Sample Description

<b>Animal Name:</b> BSRA Gray Velvet	<b>Date of Birth (Age):</b> 06/14/13
<b>ARI #:</b> 32495522	<b>Sample Location:</b> Side
<b>Breed:</b> Alpaca(Huacaya)	<b>Sample Date:</b> 05/17/14
<b>Sex:</b> Female	<b>Previous Shear Date:</b> 07/12/13
<b>Color:</b> Med Silver Grey	<b>Total Fleece Wt (lbs):</b> 4.13

### Laboratory Data

<b>Mean Fiber Diameter:</b> 18.2 microns	<b>Mean Staple Length:</b> 96.0 mm
<b>Standard Deviation:</b> 4.6 microns	<b>Length Standard Deviation:</b> 4.7 mm
<b>Coefficient of Variation:</b> 25.5 %	<b>Length Coefficient of Variation:</b> 4.9 %
<b>Spin Fineness:</b> 18.5 microns	<b>Mean Curvature:</b> 47.4 deg/mm
<b>Fibers Greater Than 30 microns:</b> 2.1 %	<b>SD Curvature:</b> 27.7 deg/mm
<b>Comfort Factor:</b> 97.9 %	



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