

# Yocom-McColl Testing Laboratories, Inc.

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

Big Timber Alpacas, LLC/Susan King  
29400 SW Heater Rd  
Sherwood OR 97140-5004

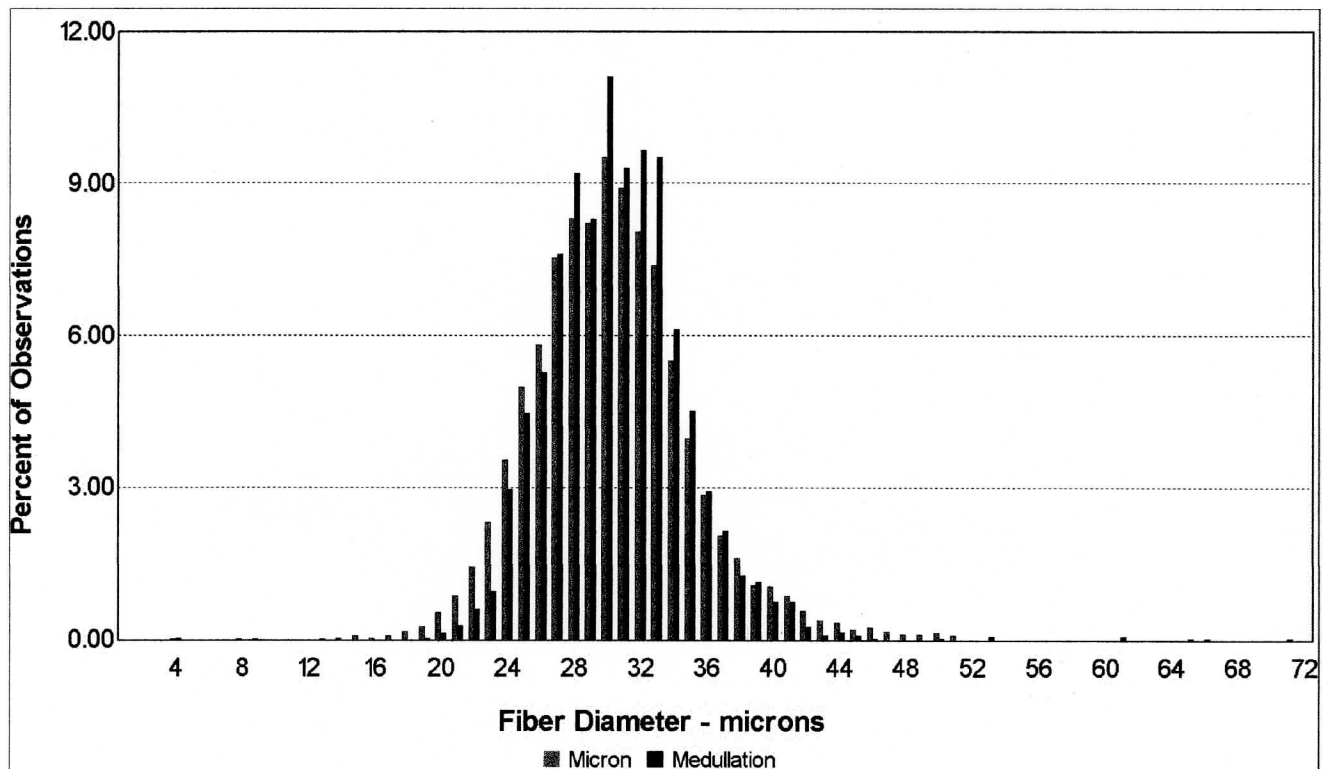
Date: 08/05/14  
Shear ID: 81452  
Test No: 488605

### Animal and Sample Description

<b>Animal Name:</b> CHFA Macgyver's Treasure	<b>Date of Birth (Age):</b> 10/24/04
<b>ARI #:</b> 1218282	<b>Sample Location:</b> Side
<b>Breed:</b> Alpaca(Suri)	<b>Sample Date:</b> 06/09/14
<b>Sex:</b> Female	<b>Previous Shear Date:</b> 06/11/13
<b>Color:</b> White	<b>Total Fleece Wt (lbs):</b> 6.00

### Laboratory Data

<b>Mean Fiber Diameter:</b> 30.5 microns	<b>Mean Staple Length:</b> 114.4 mm
<b>Standard Deviation:</b> 5.2 microns	<b>Length Standard Deviation:</b> 3.3 mm
<b>Coefficient of Variation:</b> 17.0 %	<b>Length Coefficient of Variation:</b> 2.9 %
<b>Spin Fineness:</b> 28.7 microns	<b>Mean Curvature:</b> 9.7 deg/mm
<b>Fibers Greater Than 30 microns:</b> 46.2 %	<b>SD Curvature:</b> 9.4 deg/mm
<b>Comfort Factor:</b> 53.8 %	<b>Medullated Fibers:</b> 44.9 %



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