



Yocom-McColl Testing Laboratories, Inc.  
 540 West Elk Place • Denver, Colorado 80216-1823 USA  
 PHONE (303) 294-0582 • FAX (303) 295-6944  
 EMAIL: ymccoll@ymccoll.com

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

Alpacas of the Covenant, Inc/Kimberly Buechner Fouse  
 108 Ridgepointe Dr  
 Cold Spring KY 41076-9090

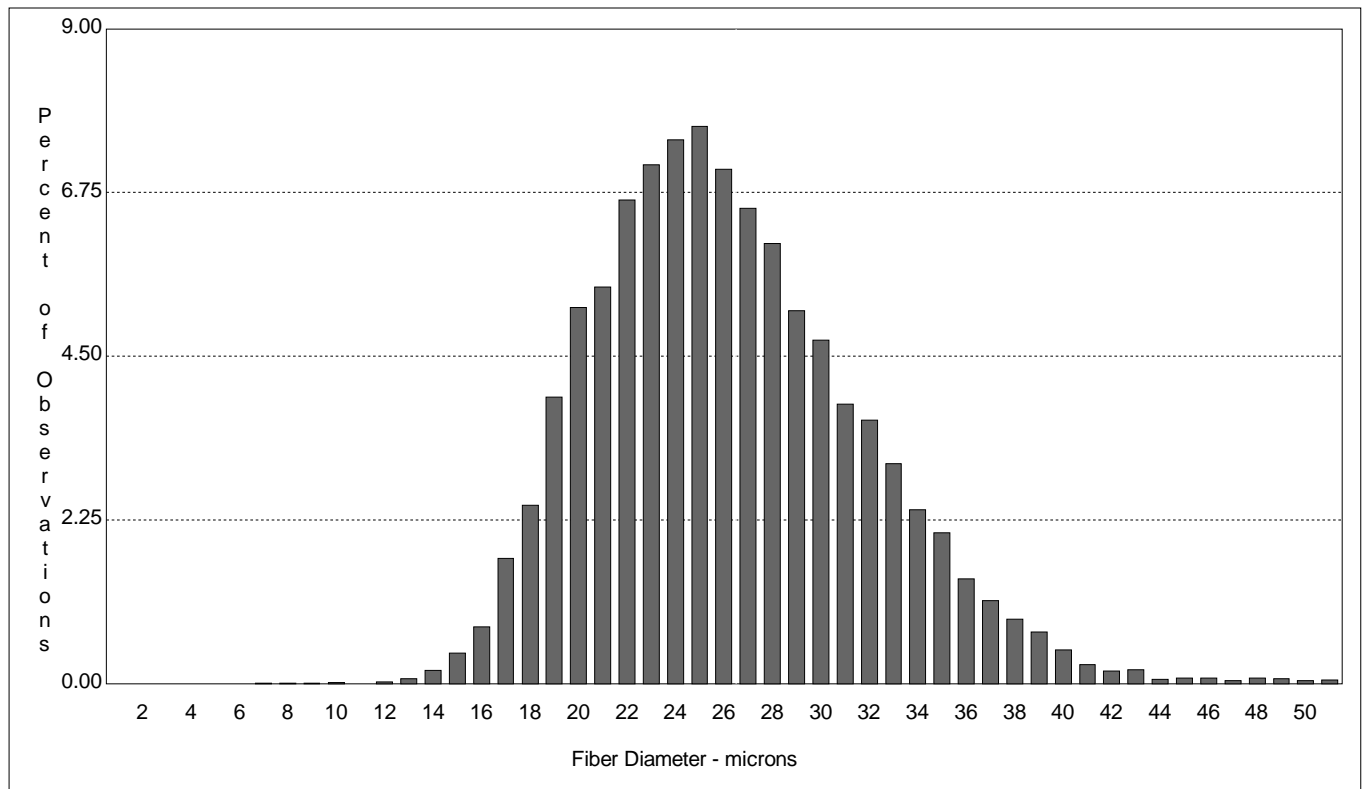
**Date:** 10/15/12  
**Shear ID:** 36424  
**Test No:** 446516

**Animal and Sample Description**

<b>Animal Name:</b> ACOV Accoyo Greyback's Gabriel	<b>Date of Birth (Age):</b> 06/08/11
<b>ARI #:</b> 31705295	<b>Sample Location:</b> Side
<b>Breed:</b> Alpaca(Huacaya)	<b>Sample Date:</b> 05/06/12
<b>Sex:</b> Male	<b>Previous Shear Date:</b> 08/23/11
<b>Color:</b> Dark Silver Grey	<b>Total Fleece Wt (lbs):</b> 4.20

**Laboratory Data**

<b>Mean Fiber Diameter:</b> 26.4 microns	<b>Mean Staple Length:</b> 81.6 mm
<b>Standard Deviation:</b> 6.2 microns	<b>Length Standard Deviation:</b> 4.2 mm
<b>Coefficient of Variation:</b> 23.3 %	<b>Length Coefficient of Variation:</b> 5.1 %
<b>Spin Fineness:</b> 26.2 microns	<b>Mean Curvature:</b> 28.1 deg/mm
<b>Fibers Greater Than 30 microns:</b> 21.3 %	<b>SD Curvature:</b> 19.2 deg/mm
<b>Comfort Factor:</b> 78.7 %	



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