



# Yocom-McColl Testing Laboratories, Inc.

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

Libertas Farm/Derek and Jilian Dickson  
138 Carpenter Hill Rd  
Alfred ME 04002-3140

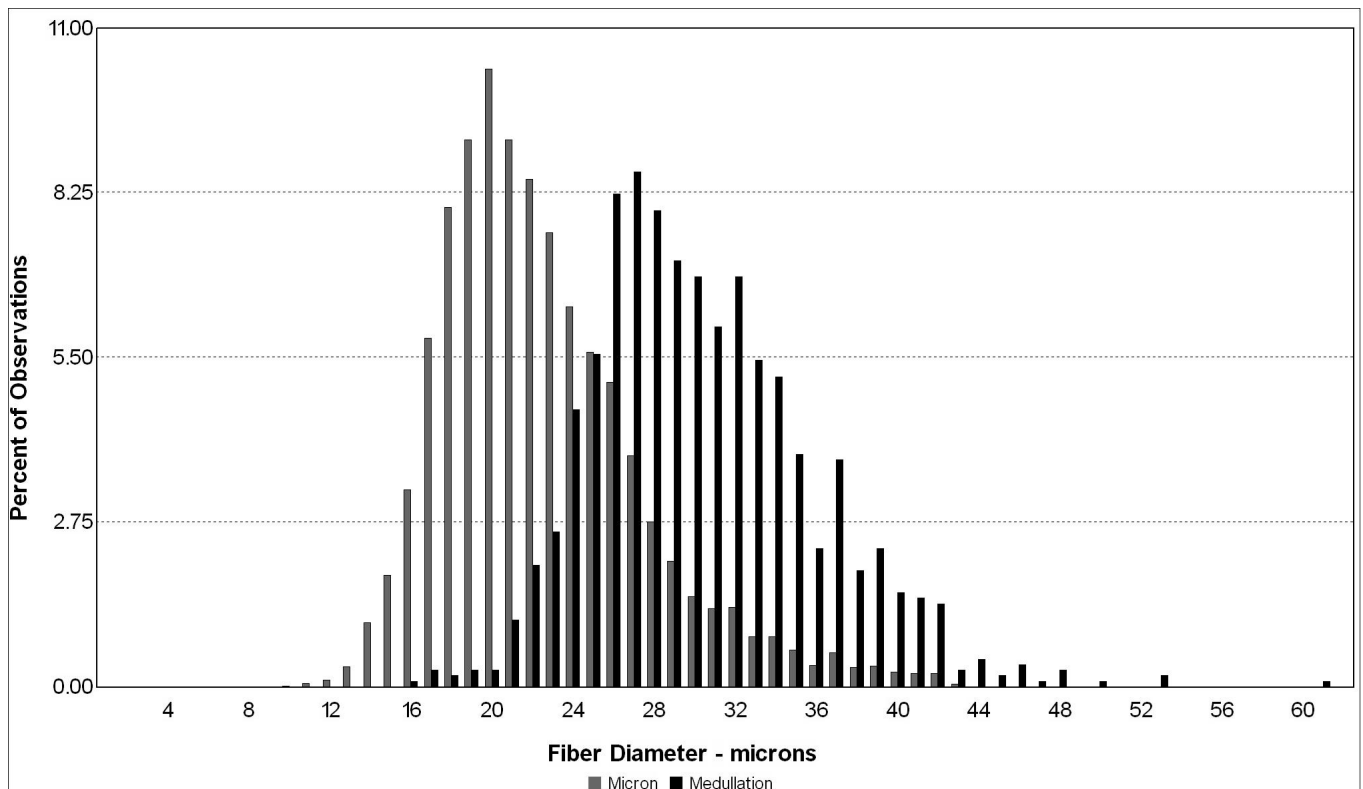
**Date:** 10/01/19  
**Shear ID:** 192147  
**Test No:** 984473

### Animal and Sample Description

<b>Animal Name:</b> Cloud Hollow's Sovereign Angell	<b>Date of Birth (Age):</b> 07/19/12
<b>ARI #:</b> 30617490	<b>Sample Location:</b> Side
<b>Breed:</b> Alpaca(Huacaya)	<b>Sample Date:</b> 06/29/19
<b>Sex:</b> Female	<b>Previous Shear Date:</b> 06/05/18
<b>Color:</b> Beige	<b>Total Fleece Wt (lbs):</b> 6.40

### Laboratory Data

<b>Mean Fiber Diameter:</b> 22.5 microns	<b>Mean Staple Length:</b> 72.2 mm
<b>Standard Deviation:</b> 5.2 microns	<b>Length Standard Deviation:</b> 3.5 mm
<b>Coefficient of Variation:</b> 23.1 %	<b>Length Coefficient of Variation:</b> 4.8 %
<b>Spin Fineness:</b> 22.4 microns	<b>Mean Curvature:</b> 47.3 deg/mm
<b>Fibers Greater Than 30 microns:</b> 7.5 %	<b>SD Curvature:</b> 27.7 deg/mm
<b>Comfort Factor:</b> 92.5 %	<b>Medullated Fibers:</b> 15.1 %



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