



# Yocom-McColl Testing Laboratories, Inc.

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

Arcona Alpacas/Thomas D Wilder  
264 Winding Way  
Camp Hill PA 17011-8463 USA

**Date:** 09/10/19  
**Shear ID:** 192330  
**Test No:** 982739

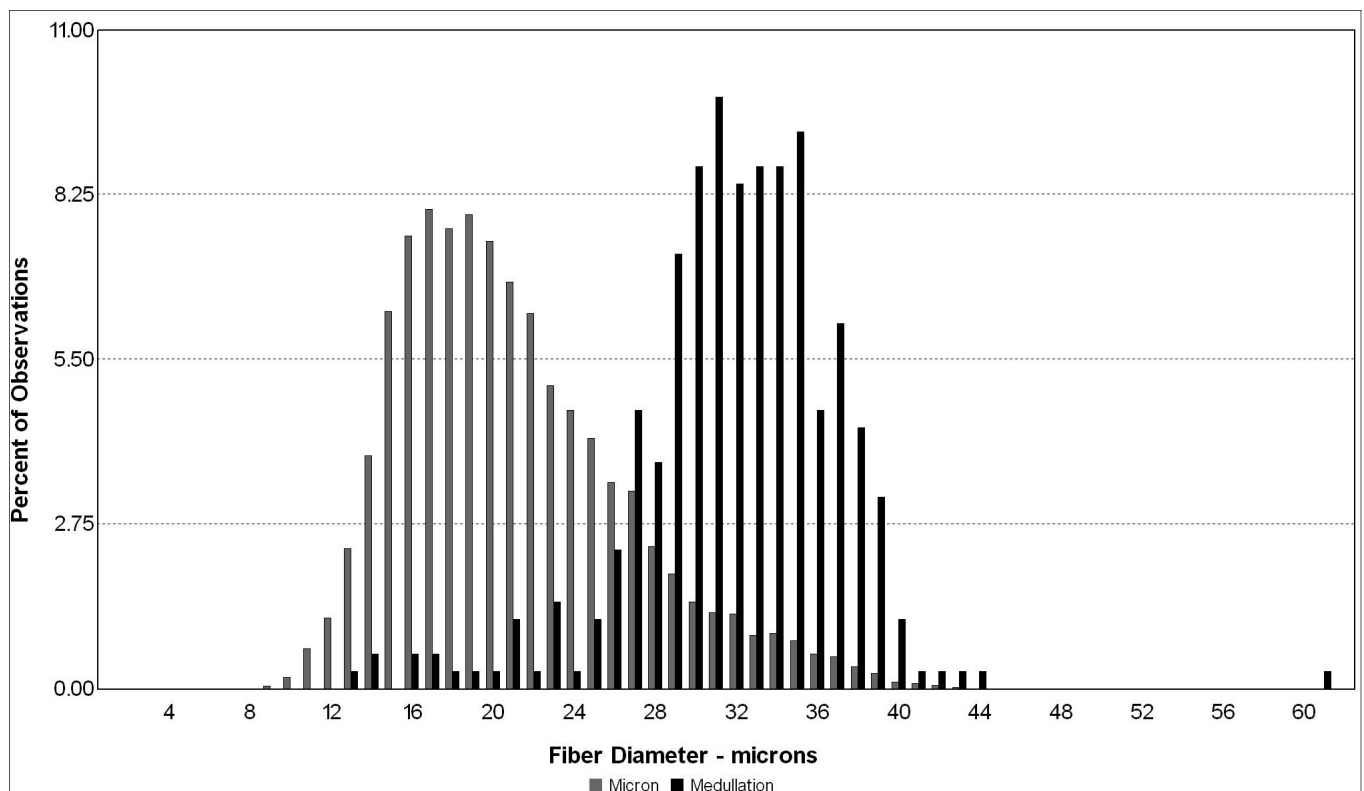
### Animal and Sample Description

**Animal Name:** Arcona's Prince Charming  
**ARI #:** 32605587  
**Breed:** Alpaca(Suri)  
**Sex:** Male  
**Color:** White

**Date of Birth (Age):** 10/11/12  
**Sample Location:** Side  
**Sample Date:** 05/11/19  
**Previous Shear Date:** 05/12/18  
**Total Fleece Wt (lbs):** 7.20

### Laboratory Data

<b>Mean Fiber Diameter:</b>	21.1 microns	<b>Mean Staple Length:</b>	137.0 mm
<b>Standard Deviation:</b>	5.7 microns	<b>Length Standard Deviation:</b>	2.1 mm
<b>Coefficient of Variation:</b>	27.0 %	<b>Length Coefficient of Variation:</b>	1.6 %
<b>Spin Fineness:</b>	21.7 microns	<b>Mean Curvature:</b>	14.9 deg/mm
<b>Fibers Greater Than 30 microns:</b>	7.2 %	<b>SD Curvature:</b>	19.0 deg/mm
<b>Comfort Factor:</b>	92.8 %	<b>Medullated Fibers:</b>	4.6 %



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