



# Yocom-McColl Testing Laboratories, Inc.

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

Gates Alpaca Ranch/Andrew & Kristina Gates  
48531 Russia Road  
Amherst OH 44001 USA

**Date:** 07/22/17  
**Shear ID:** 144054  
**Test No:** 945616

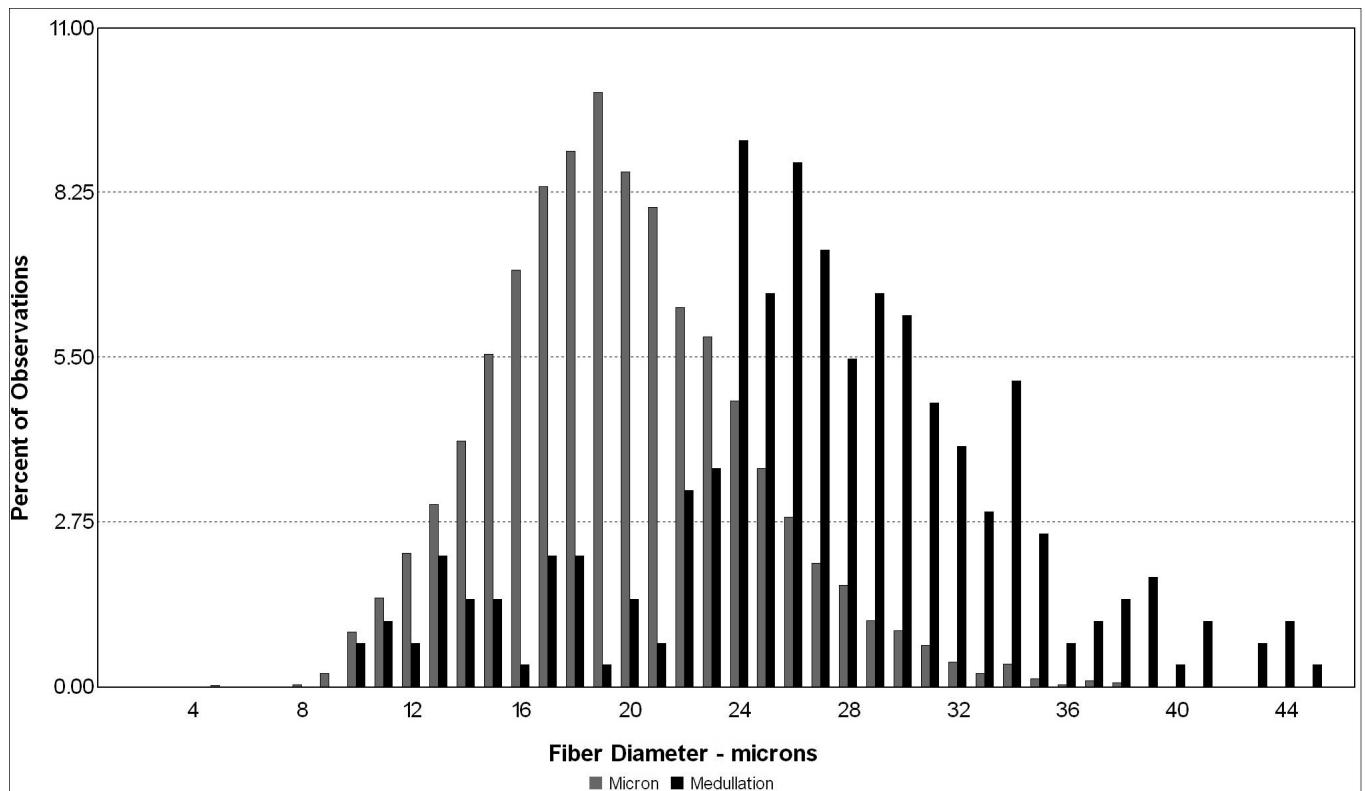
### Animal and Sample Description

**Animal Name:** G8S Attaway's Antique Lace  
**ARI #:** 32459845  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** White

**Date of Birth (Age):** 09/08/14  
**Sample Location:** Side  
**Sample Date:** 05/16/17  
**Previous Shear Date:** 05/14/16  
**Total Fleece Wt (lbs):** 6.80

### Laboratory Data

<b>Mean Fiber Diameter:</b>	19.7 microns	<b>Mean Staple Length:</b>	103.2 mm
<b>Standard Deviation:</b>	4.8 microns	<b>Length Standard Deviation:</b>	2.3 mm
<b>Coefficient of Variation:</b>	24.1 %	<b>Length Coefficient of Variation:</b>	2.2 %
<b>Spin Fineness:</b>	19.8 microns	<b>Mean Curvature:</b>	50.7 deg/mm
<b>Fibers Greater Than 30 microns:</b>	2.3 %	<b>SD Curvature:</b>	31.8 deg/mm
<b>Comfort Factor:</b>	97.7 %	<b>Medullated Fibers:</b>	4.7 %



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