



# 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:** 144070  
**Test No:** 945630

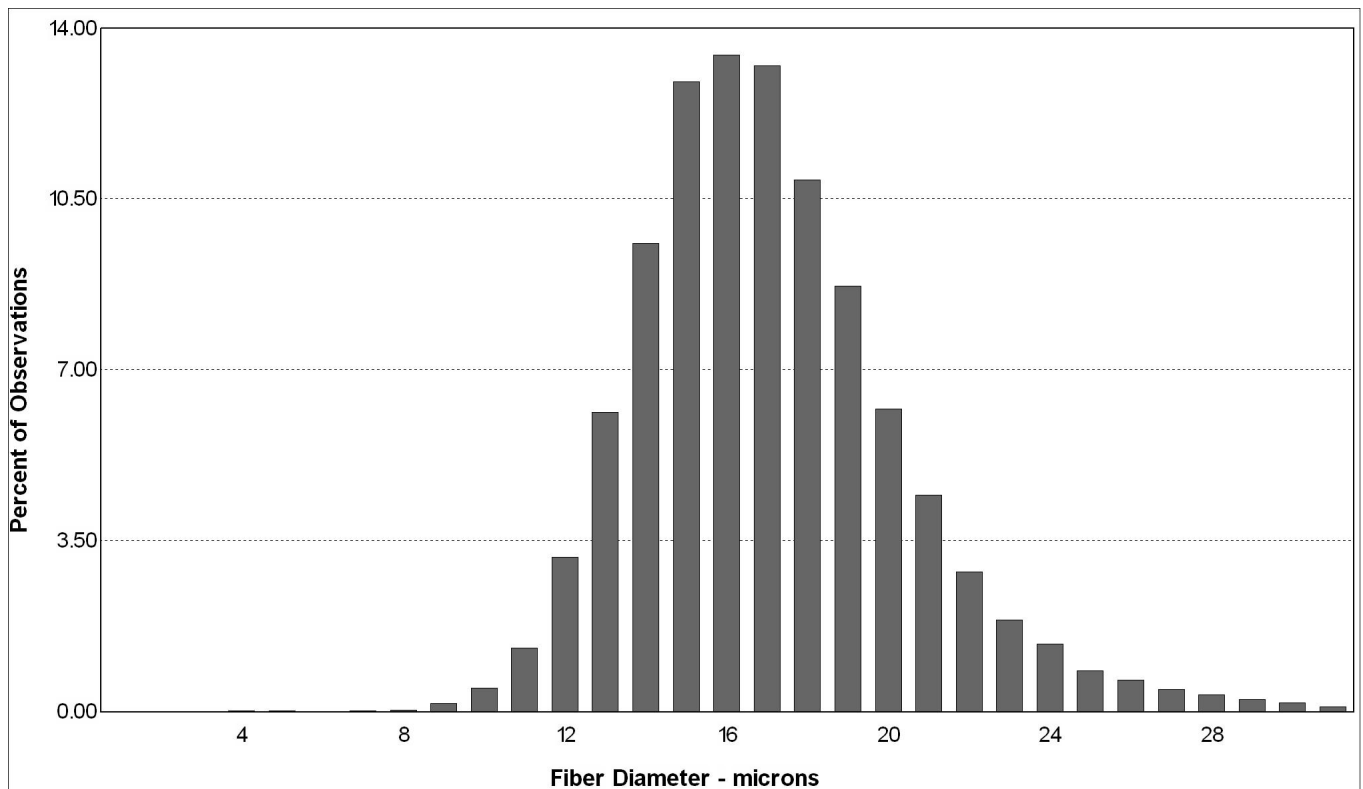
### Animal and Sample Description

**Animal Name:** G8S Juggernaut's Darlin Clementine  
**ARI #:** 32446470  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** Dark Fawn

**Date of Birth (Age):** 05/29/13  
**Sample Location:** Side  
**Sample Date:** 05/16/17  
**Previous Shear Date:** 05/14/16  
**Total Fleece Wt (lbs):** 6.60

### Laboratory Data

<b>Mean Fiber Diameter:</b>	17.1 microns	<b>Mean Staple Length:</b>	67.6 mm
<b>Standard Deviation:</b>	3.5 microns	<b>Length Standard Deviation:</b>	2.1 mm
<b>Coefficient of Variation:</b>	20.2 %	<b>Length Coefficient of Variation:</b>	3.1 %
<b>Spin Fineness:</b>	16.6 microns	<b>Mean Curvature:</b>	49.7 deg/mm
<b>Fibers Greater Than 30 microns:</b>	0.5 %	<b>SD Curvature:</b>	33.7 deg/mm
<b>Comfort Factor:</b>	99.5 %		



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