



# 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

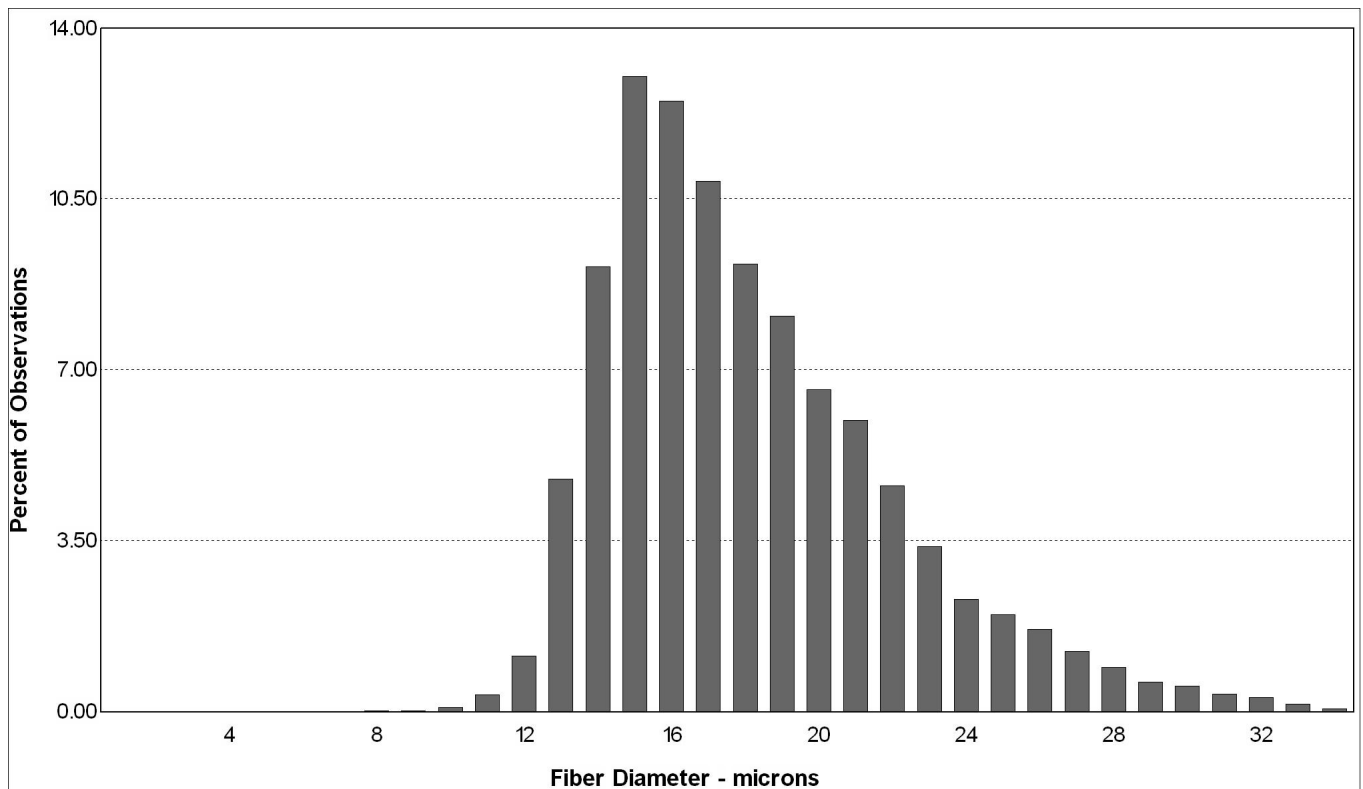
**Date:** 07/22/17  
**Shear ID:** 144072  
**Test No:** 945624

### Animal and Sample Description

<b>Animal Name:</b>	G8S Tuscan Black's Siena	<b>Date of Birth (Age):</b>	06/05/14
<b>ARI #:</b>	32459821	<b>Sample Location:</b>	Side
<b>Breed:</b>	Alpaca(Huacaya)	<b>Sample Date:</b>	05/16/17
<b>Sex:</b>	Female	<b>Previous Shear Date:</b>	05/14/16
<b>Color:</b>	Med Fawn	<b>Total Fleece Wt (lbs):</b>	5.00

### Laboratory Data

<b>Mean Fiber Diameter:</b>	18.2 microns	<b>Mean Staple Length:</b>	74.0 mm
<b>Standard Deviation:</b>	4.0 microns	<b>Length Standard Deviation:</b>	6.3 mm
<b>Coefficient of Variation:</b>	22.2 %	<b>Length Coefficient of Variation:</b>	8.6 %
<b>Spin Fineness:</b>	17.9 microns	<b>Mean Curvature:</b>	53.2 deg/mm
<b>Fibers Greater Than 30 microns:</b>	1.1 %	<b>SD Curvature:</b>	27.1 deg/mm
<b>Comfort Factor:</b>	98.9 %		



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