



# Yocom-McColl Testing Laboratories, Inc.

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

High Country Alpacas, LLC/Mary N. Wilcox  
3805 E Equestrian Trl  
Phoenix AZ 85044-3008

**Date:** 07/30/18  
**Shear ID:** 171537  
**Test No:** 965175

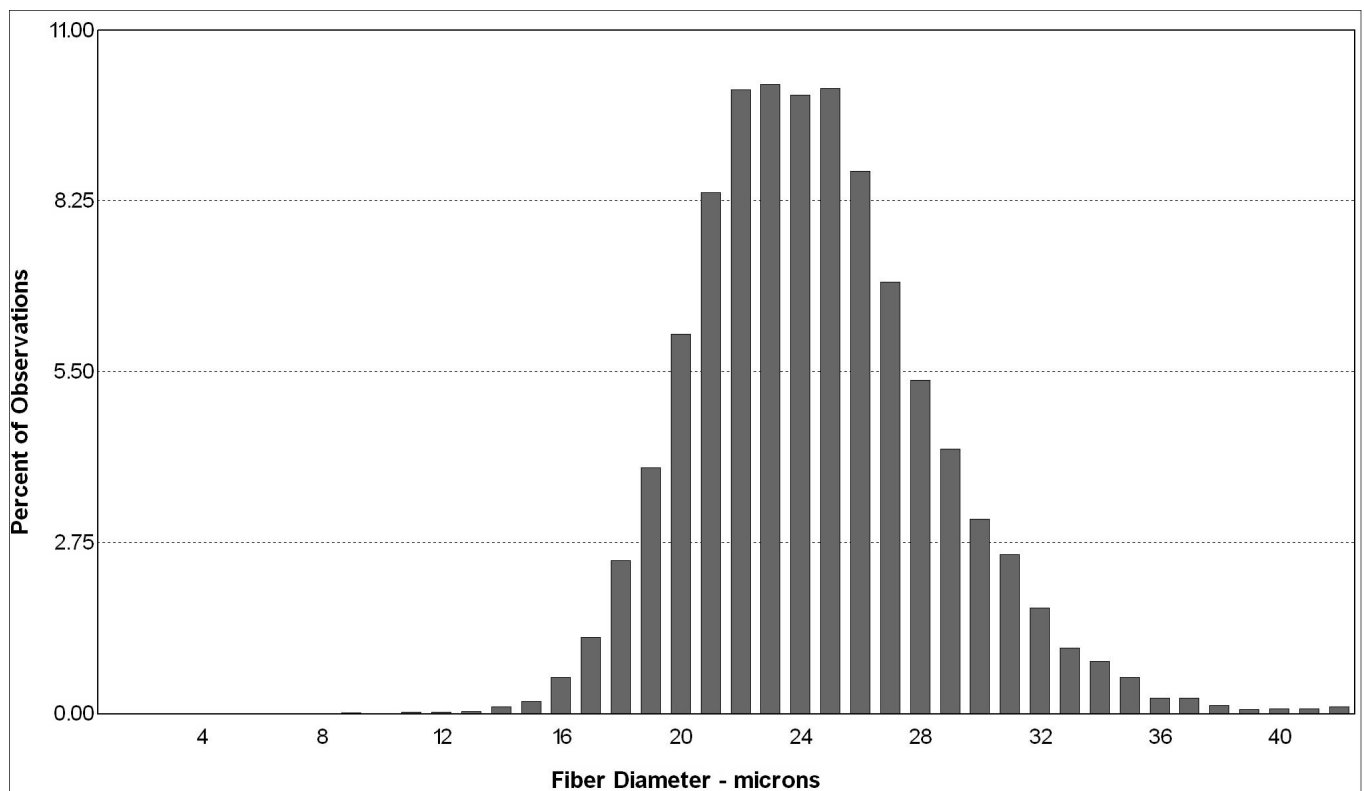
### Animal and Sample Description

**Animal Name:** HCA Toffee  
**ARI #:** 31733762  
**Breed:** Alpaca(Suri)  
**Sex:** Female  
**Color:** Dark Fawn

**Date of Birth (Age):** 06/19/09  
**Sample Location:** Side  
**Sample Date:** 05/17/18  
**Previous Shear Date:** 05/14/17  
**Total Fleece Wt (lbs):** 4.00

### Laboratory Data

<b>Mean Fiber Diameter:</b>	24.7 microns	<b>Mean Staple Length:</b>	128.6 mm
<b>Standard Deviation:</b>	4.6 microns	<b>Length Standard Deviation:</b>	1.3 mm
<b>Coefficient of Variation:</b>	18.5 %	<b>Length Coefficient of Variation:</b>	1.0 %
<b>Spin Fineness:</b>	23.5 microns	<b>Mean Curvature:</b>	9.7 deg/mm
<b>Fibers Greater Than 30 microns:</b>	8.3 %	<b>SD Curvature:</b>	12.5 deg/mm
<b>Comfort Factor:</b>	91.7 %		



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