



# Yocom-McColl Testing Laboratories, Inc.

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

Plum Creek Alpacas/Brian B. Smith  
8260 Plum Creek Way  
Prescott Valley AZ 86315-9260 USA

**Date:** 08/28/18  
**Shear ID:** 179218  
**Test No:** 968171

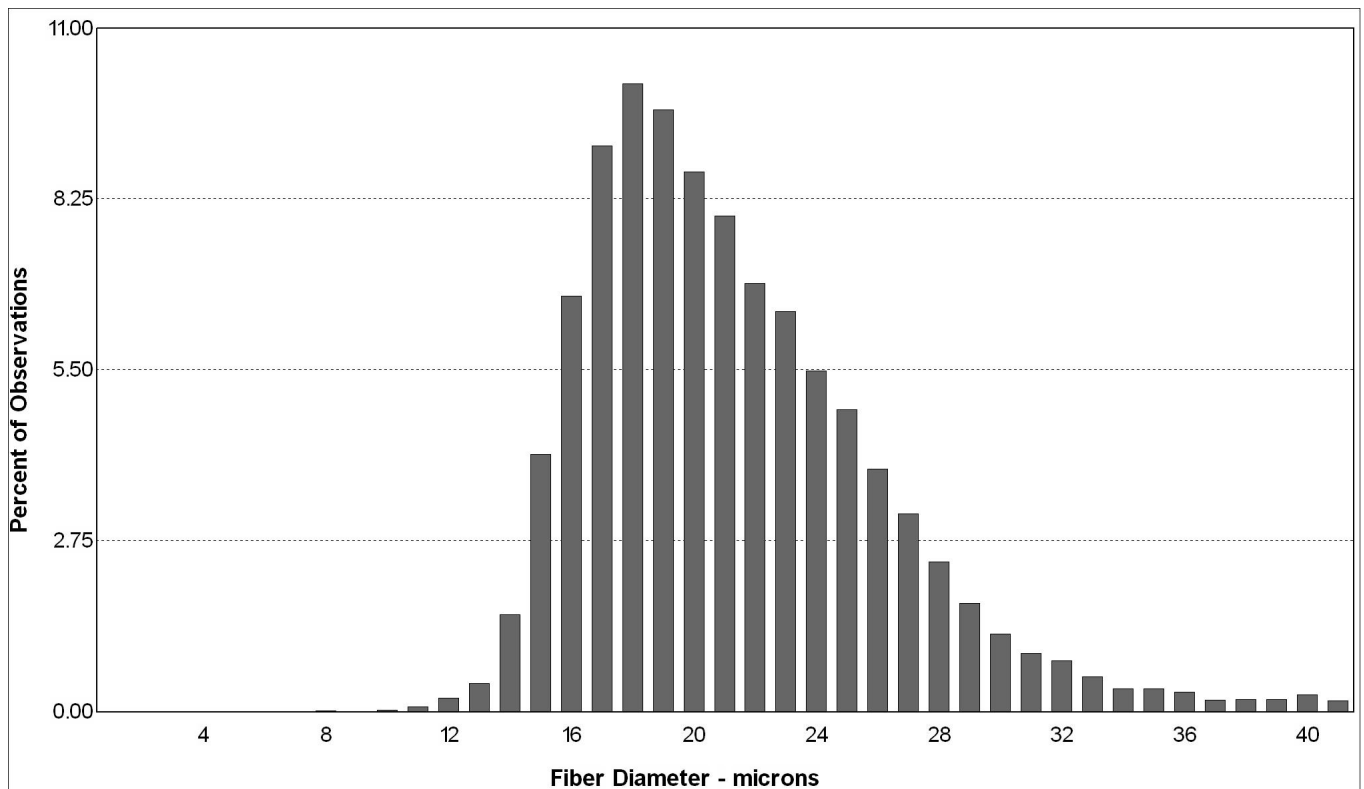
### Animal and Sample Description

**Animal Name:** Estates Kael  
**ARI #:** 35423744  
**Breed:** Alpaca(Huacaya)  
**Sex:** Male  
**Color:** True Black

**Date of Birth (Age):** 05/01/16  
**Sample Location:** Side  
**Sample Date:** 04/18/18  
**Previous Shear Date:** 07/31/17  
**Total Fleece Wt (lbs):** 0.00

### Laboratory Data

<b>Mean Fiber Diameter:</b>	21.4 microns	<b>Mean Staple Length:</b>	77.0 mm
<b>Standard Deviation:</b>	5.1 microns	<b>Length Standard Deviation:</b>	4.3 mm
<b>Coefficient of Variation:</b>	24.0 %	<b>Length Coefficient of Variation:</b>	5.6 %
<b>Spin Fineness:</b>	21.4 microns	<b>Mean Curvature:</b>	33.4 deg/mm
<b>Fibers Greater Than 30 microns:</b>	5.1 %	<b>SD Curvature:</b>	18.8 deg/mm
<b>Comfort Factor:</b>	94.9 %		



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