



# Yocom-McColl Testing Laboratories, Inc.

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

Colusa Riverside Alpacas/David & Sheila Scroggins  
6909 Codorniz Rd  
Colusa CA 95932-4016 USA

**Date:** 07/09/14  
**Shear ID:** 70063  
**Test No:** 485082

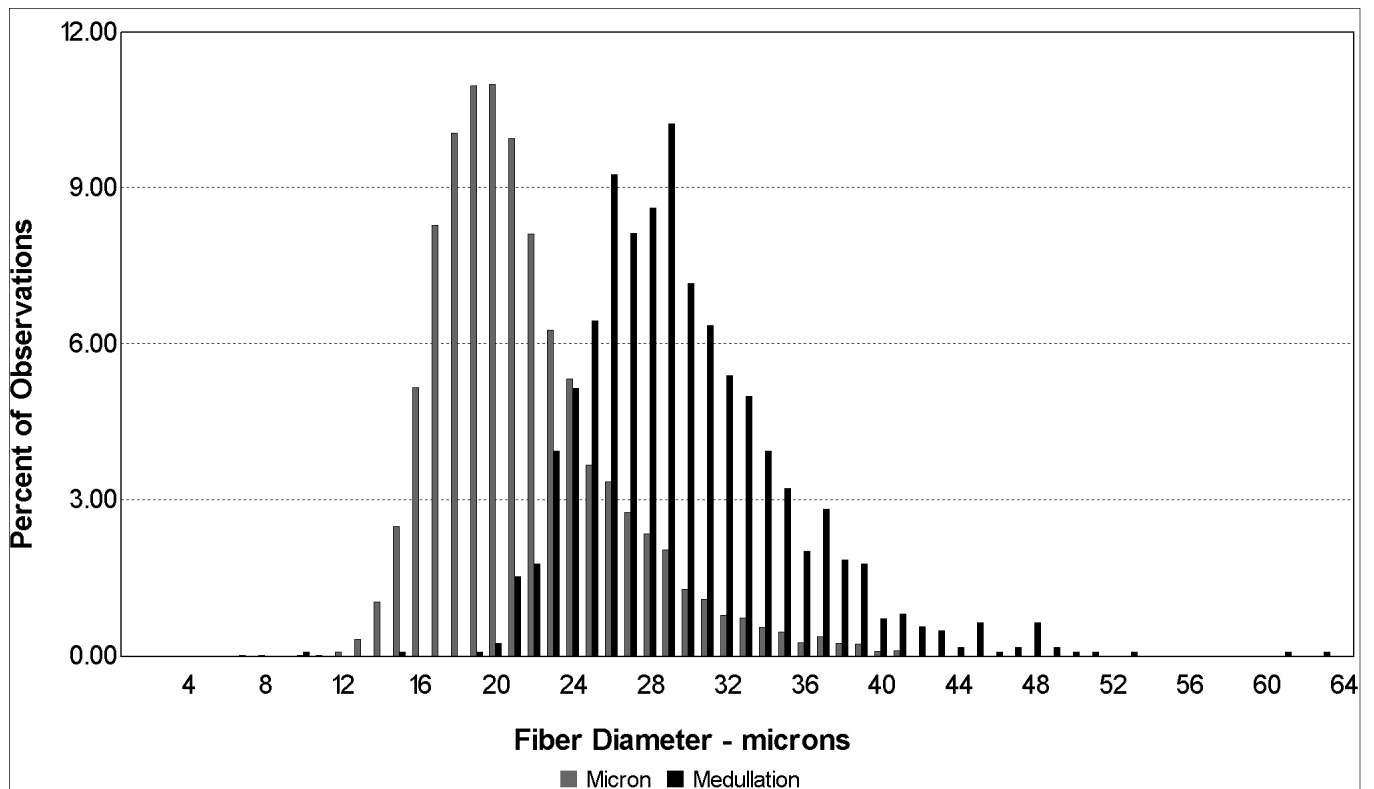
### Animal and Sample Description

**Animal Name:** Black Hills Carmon  
**ARI #:** 31355025  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** Beige

**Date of Birth (Age):** 09/23/09  
**Sample Location:** Side  
**Sample Date:** 04/28/14  
**Previous Shear Date:** 04/19/13  
**Total Fleece Wt (lbs):** 6.90

### Laboratory Data

<b>Mean Fiber Diameter:</b>	21.6 microns	<b>Mean Staple Length:</b>	77.6 mm
<b>Standard Deviation:</b>	4.9 microns	<b>Length Standard Deviation:</b>	4.0 mm
<b>Coefficient of Variation:</b>	22.8 %	<b>Length Coefficient of Variation:</b>	5.2 %
<b>Spin Fineness:</b>	21.3 microns	<b>Mean Curvature:</b>	46.6 deg/mm
<b>Fibers Greater Than 30 microns:</b>	5.4 %	<b>SD Curvature:</b>	26.2 deg/mm
<b>Comfort Factor:</b>	94.6 %	<b>Medullated Fibers:</b>	13.1 %



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