



# Yocom-McColl Testing Laboratories, Inc.

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

Mountain Sky Ranch/Deb Dorband  
901 S County Road 31  
Berthoud CO 80513-8711

**Date:** 09/10/15  
**Shear ID:** 108042  
**Test No:** 913706

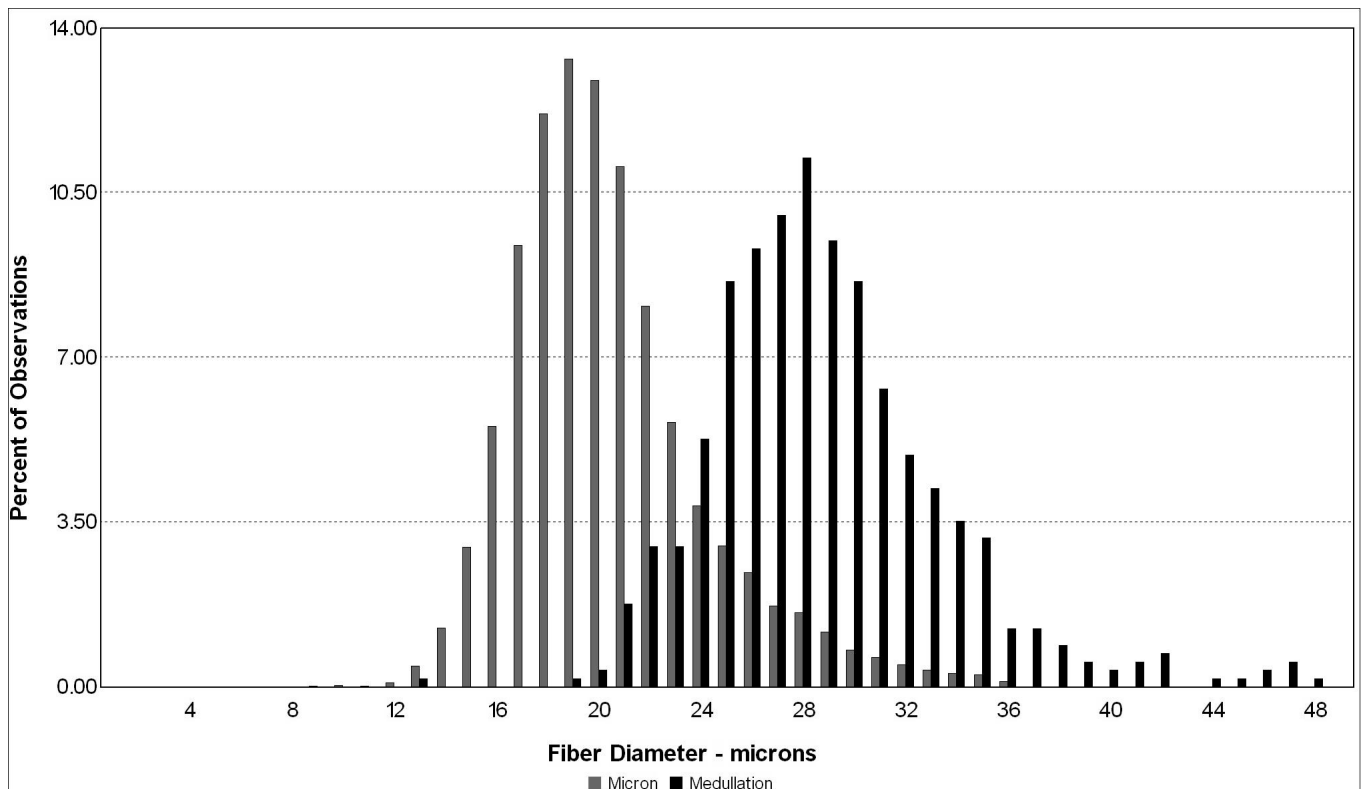
### Animal and Sample Description

**Animal Name:** Heather's Acre Accoyo Crystal  
**ARI #:** 31879996  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** White

**Date of Birth (Age):** 06/03/10  
**Sample Location:** Side  
**Sample Date:** 06/16/15  
**Previous Shear Date:** 05/30/14  
**Total Fleece Wt (lbs):** 5.80

### Laboratory Data

<b>Mean Fiber Diameter:</b>	20.5 microns	<b>Mean Staple Length:</b>	58.8 mm
<b>Standard Deviation:</b>	4.0 microns	<b>Length Standard Deviation:</b>	2.8 mm
<b>Coefficient of Variation:</b>	19.4 %	<b>Length Coefficient of Variation:</b>	4.7 %
<b>Spin Fineness:</b>	19.7 microns	<b>Mean Curvature:</b>	48.7 deg/mm
<b>Fibers Greater Than 30 microns:</b>	2.5 %	<b>SD Curvature:</b>	25.2 deg/mm
<b>Comfort Factor:</b>	97.5 %	<b>Medullated Fibers:</b>	8.0 %



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