



# Yocom-McColl Testing Laboratories, Inc.

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

Suridipity Ranch/Melanie Catangay  
850 County Road 118  
Elizabeth CO 80107 USA

**Date:** 06/29/18  
**Shear ID:** 169682  
**Test No:** 962154

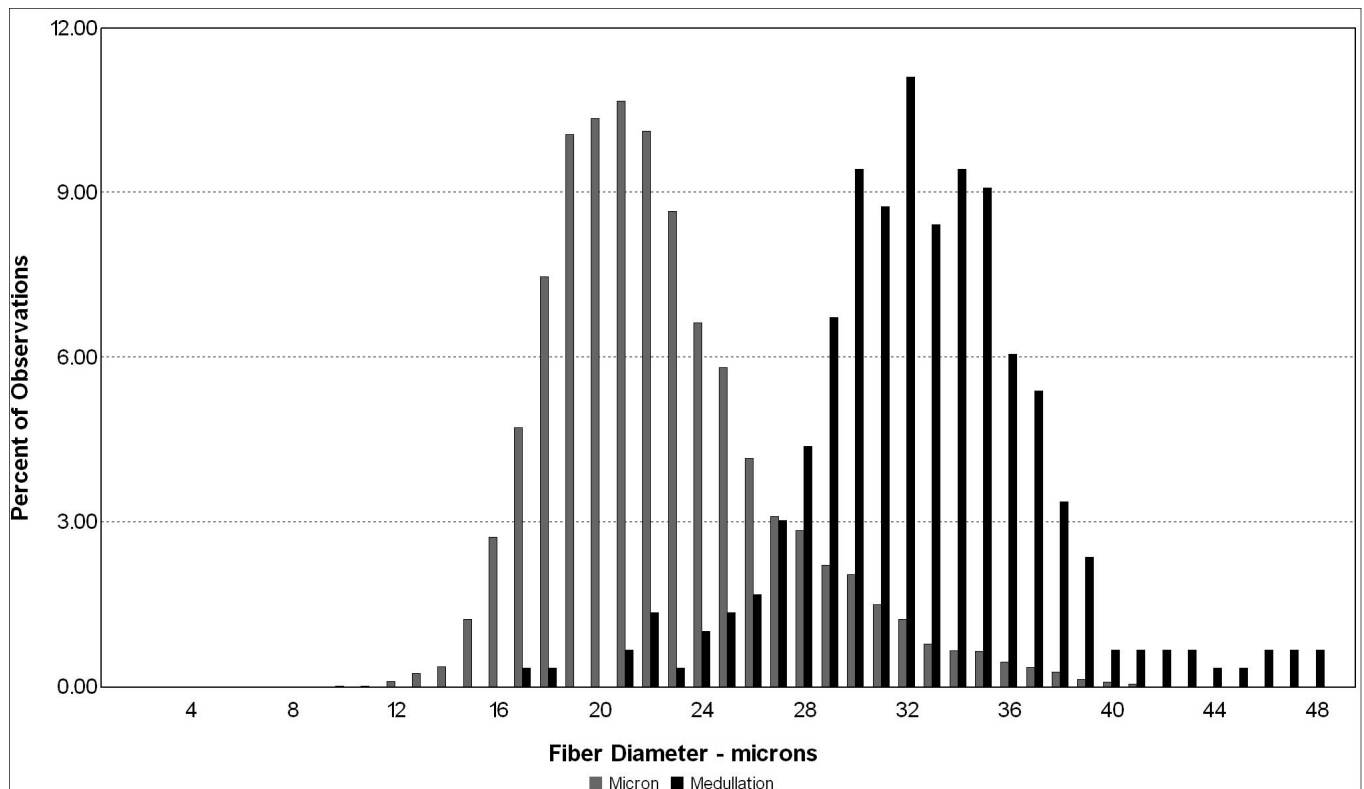
### Animal and Sample Description

**Animal Name:** Pucara Sur-Real Chakotah's Hip Hop  
**ARI #:** 32014396  
**Breed:** Alpaca(Suri)  
**Sex:** Female  
**Color:** White

**Date of Birth (Age):** 09/27/09  
**Sample Location:** Side  
**Sample Date:** 06/01/18  
**Previous Shear Date:** 05/10/17  
**Total Fleece Wt (lbs):** 4.70

### Laboratory Data

<b>Mean Fiber Diameter:</b>	22.5 microns	<b>Mean Staple Length:</b>	126.2 mm
<b>Standard Deviation:</b>	4.7 microns	<b>Length Standard Deviation:</b>	3.0 mm
<b>Coefficient of Variation:</b>	20.8 %	<b>Length Coefficient of Variation:</b>	2.3 %
<b>Spin Fineness:</b>	21.9 microns	<b>Mean Curvature:</b>	8.3 deg/mm
<b>Fibers Greater Than 30 microns:</b>	6.4 %	<b>SD Curvature:</b>	7.3 deg/mm
<b>Comfort Factor:</b>	93.6 %	<b>Medullated Fibers:</b>	4.0 %



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