



# Yocom-McColl Testing Laboratories, Inc.

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

Pleasant Prairie Suris/Verna Carpenter  
4101 N Ashton Road  
Otis Orchard WA 99027 USA

**Date:** 08/09/16  
**Shear ID:** 128121  
**Test No:** 929636

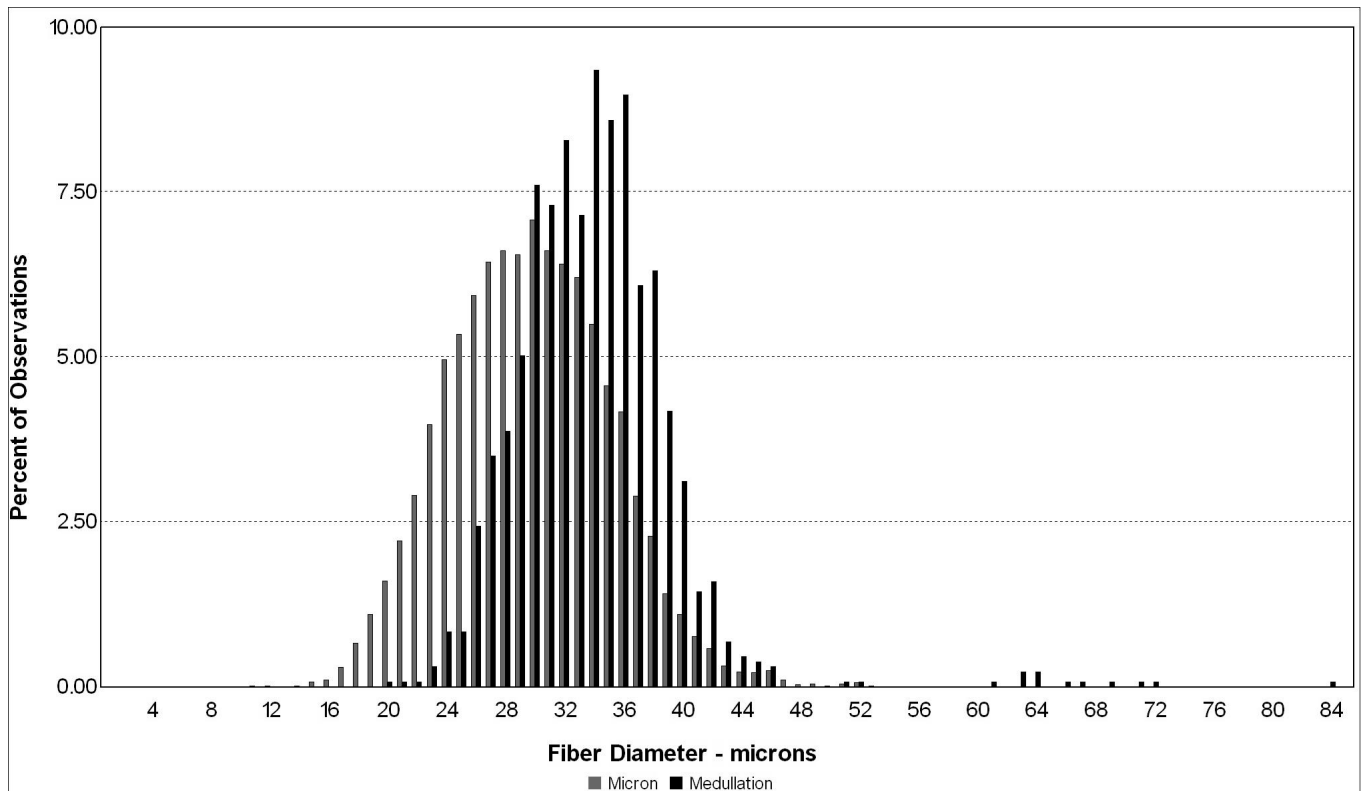
### Animal and Sample Description

**Animal Name:** SRS Peruvian Mia  
**ARI #:** 31659918  
**Breed:** Alpaca(Suri)  
**Sex:** Female  
**Color:** White

**Date of Birth (Age):** 06/15/10  
**Sample Location:** Side  
**Sample Date:** 06/04/16  
**Previous Shear Date:** 06/05/15  
**Total Fleece Wt (lbs):** 8.40

### Laboratory Data

<b>Mean Fiber Diameter:</b>	29.8 microns	<b>Mean Staple Length:</b>	147.6 mm
<b>Standard Deviation:</b>	5.8 microns	<b>Length Standard Deviation:</b>	2.9 mm
<b>Coefficient of Variation:</b>	19.6 %	<b>Length Coefficient of Variation:</b>	2.0 %
<b>Spin Fineness:</b>	28.7 microns	<b>Mean Curvature:</b>	7.2 deg/mm
<b>Fibers Greater Than 30 microns:</b>	44.1 %	<b>SD Curvature:</b>	6.8 deg/mm
<b>Comfort Factor:</b>	55.9 %	<b>Medullated Fibers:</b>	18.5 %



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