



# Yocom-McColl Testing Laboratories, Inc.

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

North Plains Alpacas/Tim & Eldonna Graber  
18735 NW Dixie Mountain Rd  
North Plains OR 97133 USA

**Date:** 09/19/17  
**Shear ID:** 151403  
**Test No:** 951781

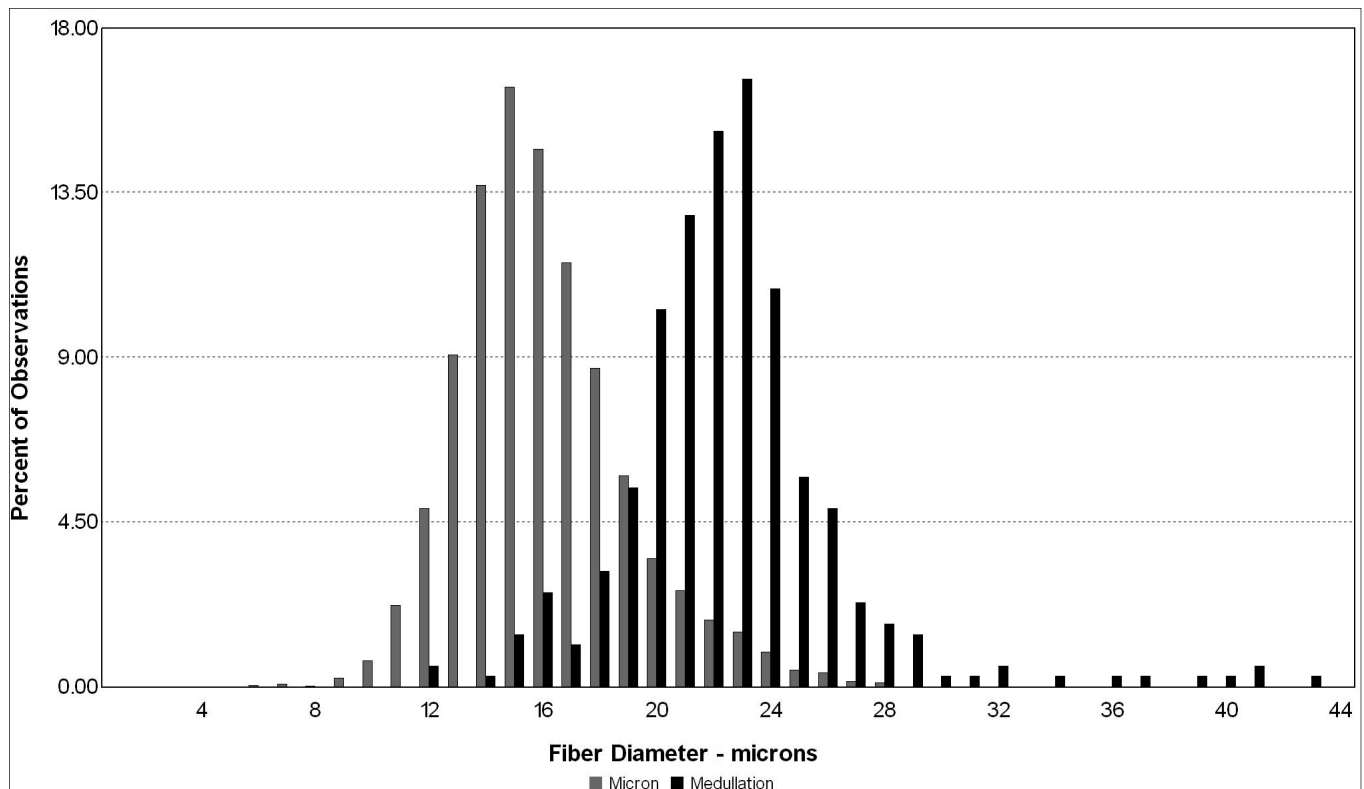
### Animal and Sample Description

**Animal Name:** NPA Peruvian Danica  
**ARI #:** 32084818  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** White

**Date of Birth (Age):** 06/21/14  
**Sample Location:** Side  
**Sample Date:** 04/29/17  
**Previous Shear Date:** 04/09/16  
**Total Fleece Wt (lbs):** 7.90

### Laboratory Data

<b>Mean Fiber Diameter:</b>	16.1 microns	<b>Mean Staple Length:</b>	119.0 mm
<b>Standard Deviation:</b>	3.2 microns	<b>Length Standard Deviation:</b>	2.4 mm
<b>Coefficient of Variation:</b>	19.6 %	<b>Length Coefficient of Variation:</b>	2.0 %
<b>Spin Fineness:</b>	15.5 microns	<b>Mean Curvature:</b>	46.6 deg/mm
<b>Fibers Greater Than 30 microns:</b>	0.2 %	<b>SD Curvature:</b>	29.7 deg/mm
<b>Comfort Factor:</b>	99.8 %	<b>Medullated Fibers:</b>	6.4 %



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