



# 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:** 151439  
**Test No:** 951732

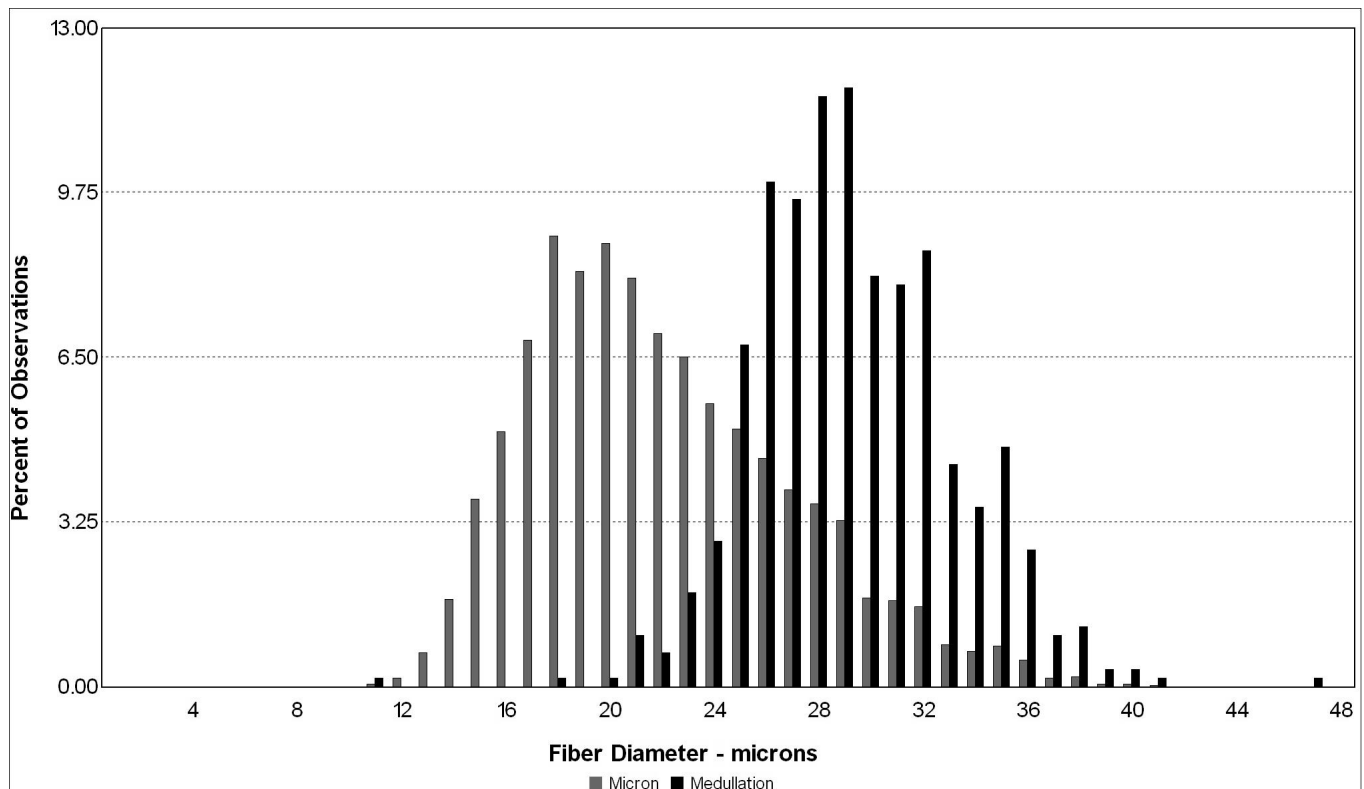
### Animal and Sample Description

**Animal Name:** NPA Peruvian Brook  
**ARI #:** 32654653  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** White

**Date of Birth (Age):** 08/28/13  
**Sample Location:** Side  
**Sample Date:** 04/29/17  
**Previous Shear Date:** 04/30/16  
**Total Fleece Wt (lbs):** 7.50

### Laboratory Data

<b>Mean Fiber Diameter:</b>	22.1 microns	<b>Mean Staple Length:</b>	93.6 mm
<b>Standard Deviation:</b>	5.0 microns	<b>Length Standard Deviation:</b>	3.4 mm
<b>Coefficient of Variation:</b>	22.7 %	<b>Length Coefficient of Variation:</b>	3.6 %
<b>Spin Fineness:</b>	21.8 microns	<b>Mean Curvature:</b>	40.9 deg/mm
<b>Fibers Greater Than 30 microns:</b>	6.7 %	<b>SD Curvature:</b>	21.3 deg/mm
<b>Comfort Factor:</b>	93.3 %	<b>Medullated Fibers:</b>	16.5 %



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