



# Yocom-McColl Testing Laboratories, Inc.

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

Cotton Top Alpaca Farm/Delia Gipson  
2602 Rock Valley Rd  
Metamora MI 48455-9333 USA

**Date:** 08/21/17  
**Shear ID:** 149306  
**Test No:** 949151

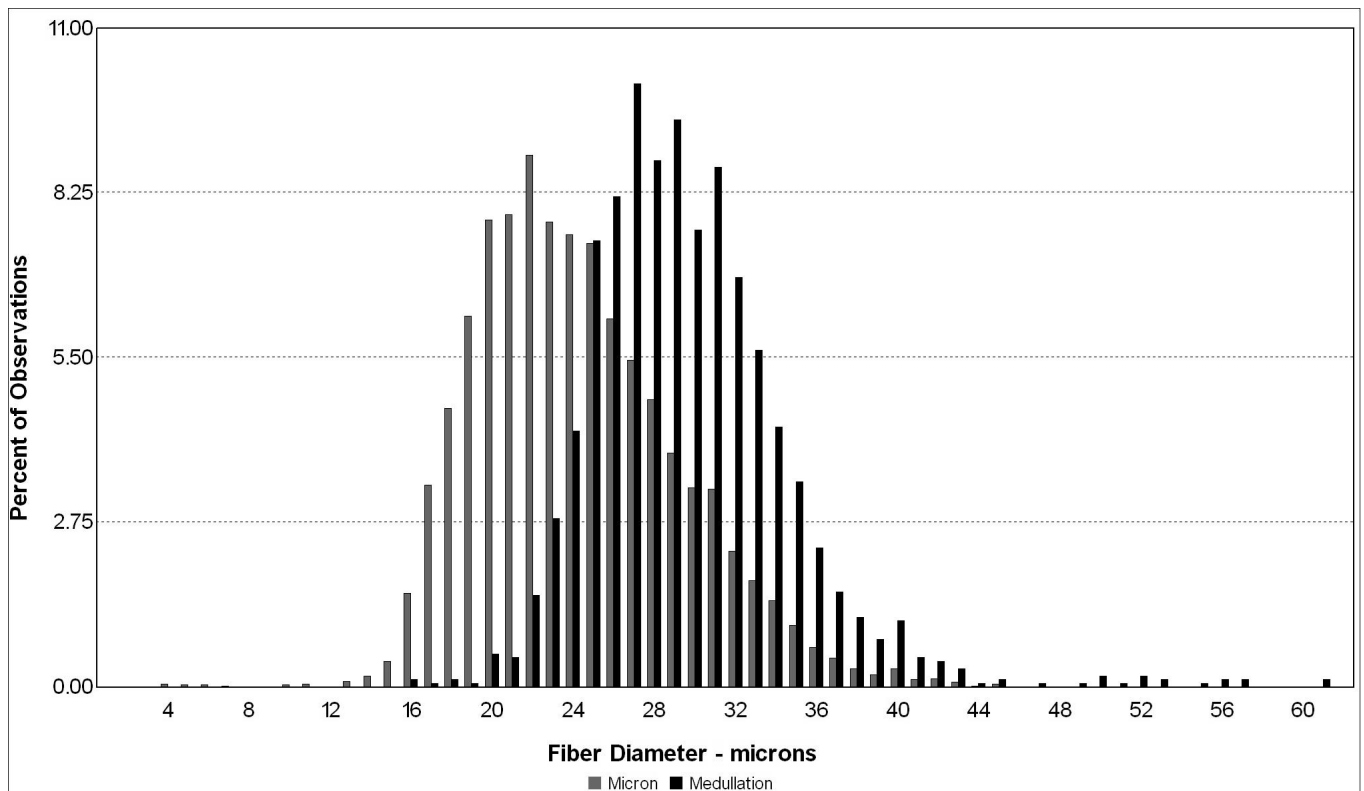
### Animal and Sample Description

**Animal Name:** Our Peruvian Lost Treasure  
**ARI #:** 30474550  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** White

**Date of Birth (Age):** 02/02/06  
**Sample Location:** Side  
**Sample Date:** 05/23/17  
**Previous Shear Date:** 05/11/16  
**Total Fleece Wt (lbs):** 9.00

### Laboratory Data

<b>Mean Fiber Diameter:</b>	24.3 microns	<b>Mean Staple Length:</b>	61.8 mm
<b>Standard Deviation:</b>	5.3 microns	<b>Length Standard Deviation:</b>	6.3 mm
<b>Coefficient of Variation:</b>	21.6 %	<b>Length Coefficient of Variation:</b>	10.2 %
<b>Spin Fineness:</b>	23.8 microns	<b>Mean Curvature:</b>	40.8 deg/mm
<b>Fibers Greater Than 30 microns:</b>	12.4 %	<b>SD Curvature:</b>	21.6 deg/mm
<b>Comfort Factor:</b>	87.6 %	<b>Medullated Fibers:</b>	24.6 %



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