



# Yocom-McColl Testing Laboratories, Inc.

540 West Elk Place • Denver, Colorado 80216-1823 USA

PHONE (303) 294-0582 • FAX (303) 295-6944

EMAIL: ymccoll@ymccoll.com

## 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:** 151402  
**Test No:** 951803

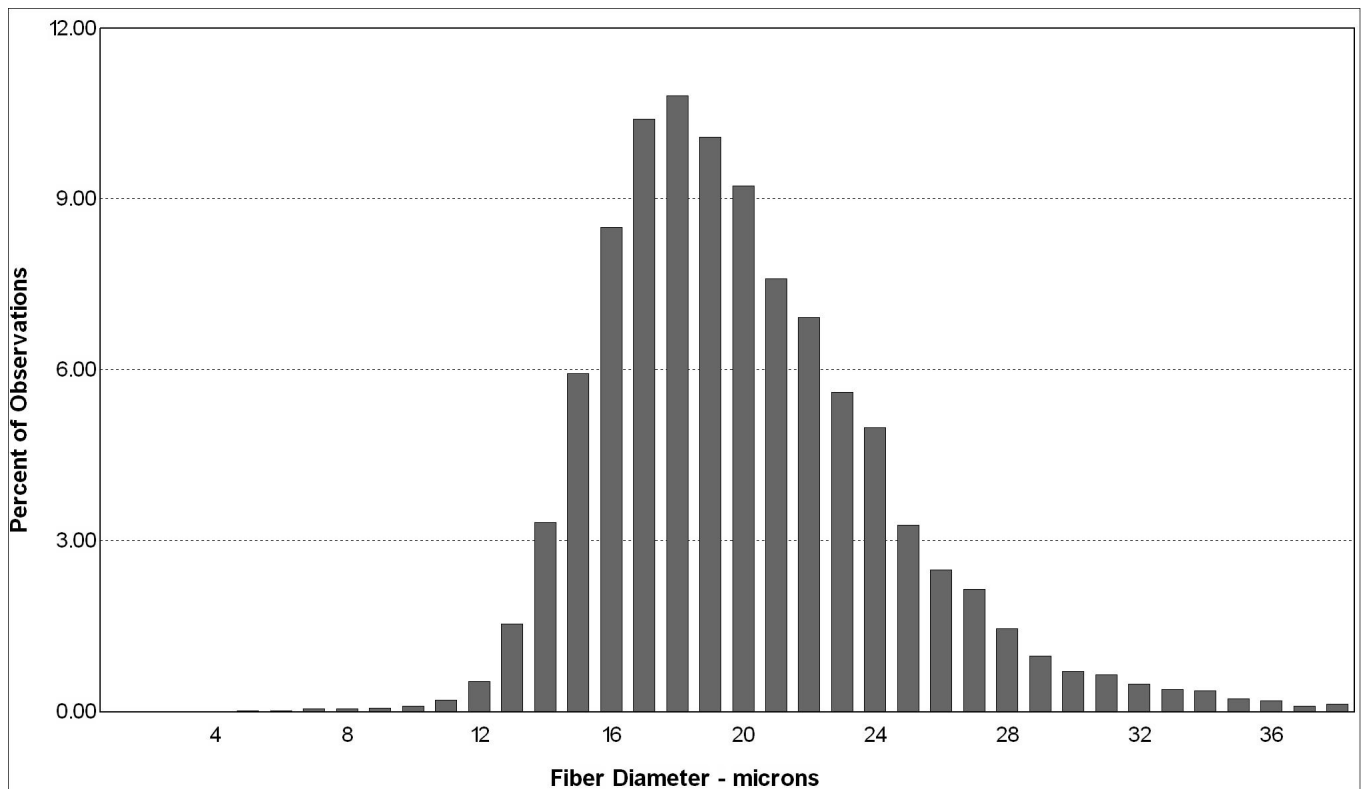
### Animal and Sample Description

**Animal Name:** NPA Marsala  
**ARI #:** 32084931  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** Med Fawn

**Date of Birth (Age):** 09/10/14  
**Sample Location:** Side  
**Sample Date:** 04/29/17  
**Previous Shear Date:** 05/11/16  
**Total Fleece Wt (lbs):** 7.10

### Laboratory Data

<b>Mean Fiber Diameter:</b>	20.1 microns	<b>Mean Staple Length:</b>	98.8 mm
<b>Standard Deviation:</b>	4.7 microns	<b>Length Standard Deviation:</b>	3.9 mm
<b>Coefficient of Variation:</b>	23.3 %	<b>Length Coefficient of Variation:</b>	4.0 %
<b>Spin Fineness:</b>	20.0 microns	<b>Mean Curvature:</b>	54.5 deg/mm
<b>Fibers Greater Than 30 microns:</b>	3.0 %	<b>SD Curvature:</b>	39.4 deg/mm
<b>Comfort Factor:</b>	97.0 %		



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