



# 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

Rancho Inca Alpacas/Bill Beranek  
2877 County Road 310  
Navasota TX 77868-8344

**Date:** 08/17/16  
**Shear ID:** 127578  
**Test No:** 930416

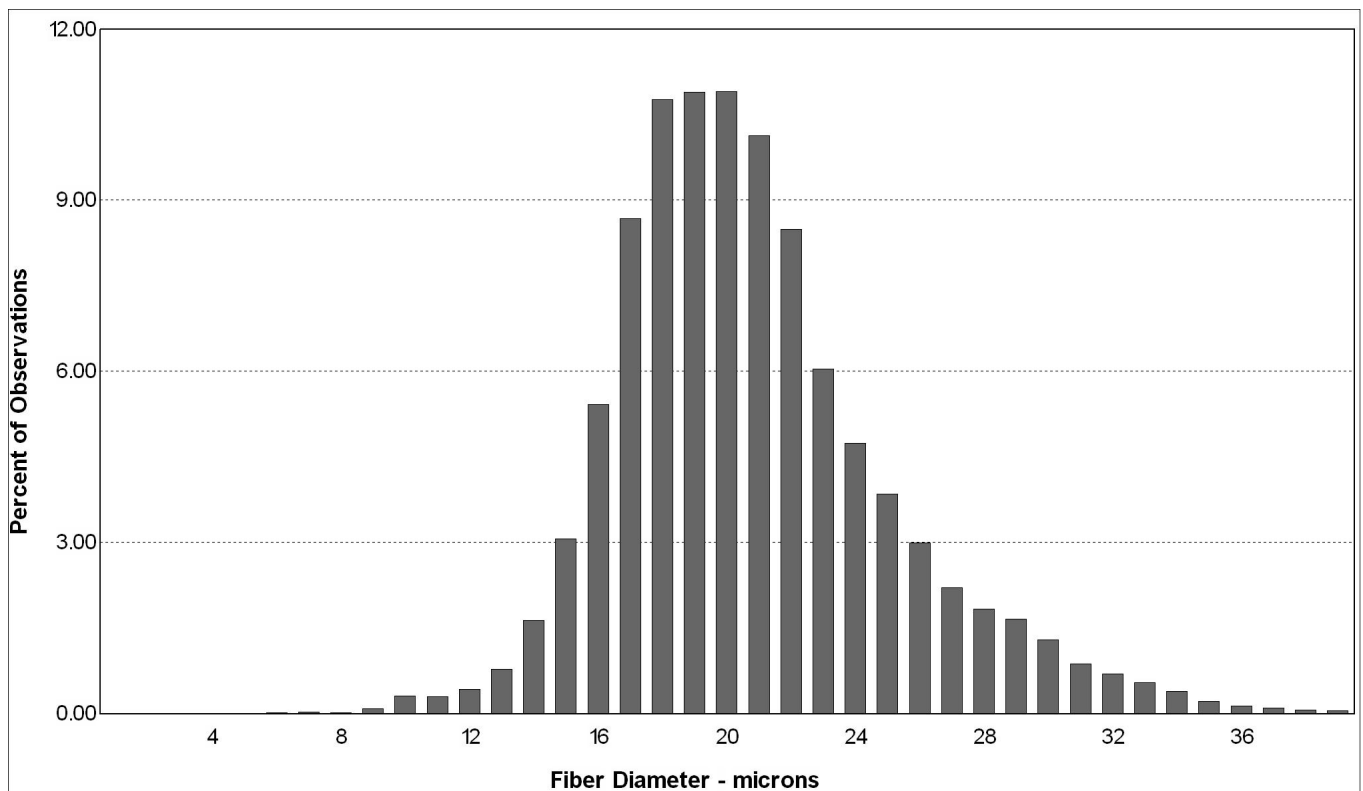
### Animal and Sample Description

**Animal Name:** RIA Pachacuti  
**ARI #:** 32697049  
**Breed:** Alpaca(Huacaya)  
**Sex:** Male  
**Color:** Dark Rose Grey

**Date of Birth (Age):** 02/11/15  
**Sample Location:** Side  
**Sample Date:** 04/15/16  
**Previous Shear Date:** 04/11/15  
**Total Fleece Wt (lbs):** 3.50

### Laboratory Data

<b>Mean Fiber Diameter:</b>	20.9 microns	<b>Mean Staple Length:</b>	105.6 mm
<b>Standard Deviation:</b>	4.6 microns	<b>Length Standard Deviation:</b>	3.7 mm
<b>Coefficient of Variation:</b>	22.2 %	<b>Length Coefficient of Variation:</b>	3.5 %
<b>Spin Fineness:</b>	20.6 microns	<b>Mean Curvature:</b>	37.5 deg/mm
<b>Fibers Greater Than 30 microns:</b>	3.5 %	<b>SD Curvature:</b>	22.8 deg/mm
<b>Comfort Factor:</b>	96.5 %		



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