

## Yocom-McColl Testing Laboratories, Inc.

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

Rare Gem Alpacas/Darcy Phillips  
3507 W Stetson #202  
Hemet CA 92545 USA

Date: 09/27/16  
Shear ID: 135409  
Test No: 934596

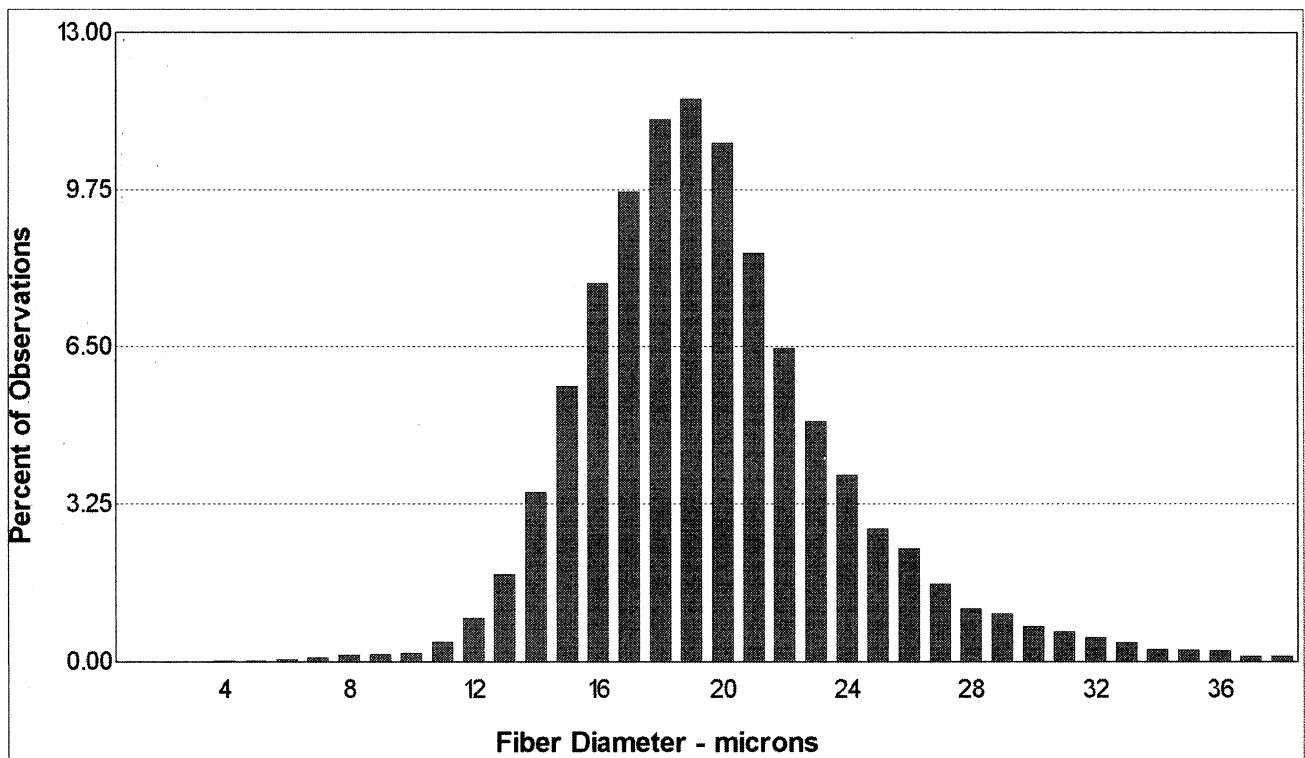
#### Animal and Sample Description

**Animal Name:** BMF Pearl Jam's Cinnamon Girl  
**ARI #:** 32831566  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** Med Fawn

**Date of Birth (Age):** 09/25/14  
**Sample Location:** Side  
**Sample Date:** 05/17/16  
**Previous Shear Date:** 05/10/15  
**Total Fleece Wt (lbs):** 4.50

#### Laboratory Data

<b>Mean Fiber Diameter:</b>	19.8 microns	<b>Mean Staple Length:</b>	104.4 mm
<b>Standard Deviation:</b>	4.5 microns	<b>Length Standard Deviation:</b>	2.9 mm
<b>Coefficient of Variation:</b>	22.9 %	<b>Length Coefficient of Variation:</b>	2.8 %
<b>Spin Fineness:</b>	19.6 microns	<b>Mean Curvature:</b>	40.1 deg/mm
<b>Fibers Greater Than 30 microns:</b>	2.9 %	<b>SD Curvature:</b>	21.2 deg/mm
<b>Comfort Factor:</b>	97.1 %		



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