

# 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

Alpacas at Windy Hill/Cindy Harris  
8575 Waters Rd  
Moorpark CA 93021 USA

**Date:** 10/03/12  
**Shear ID:** 36373  
**Test No:** 439620

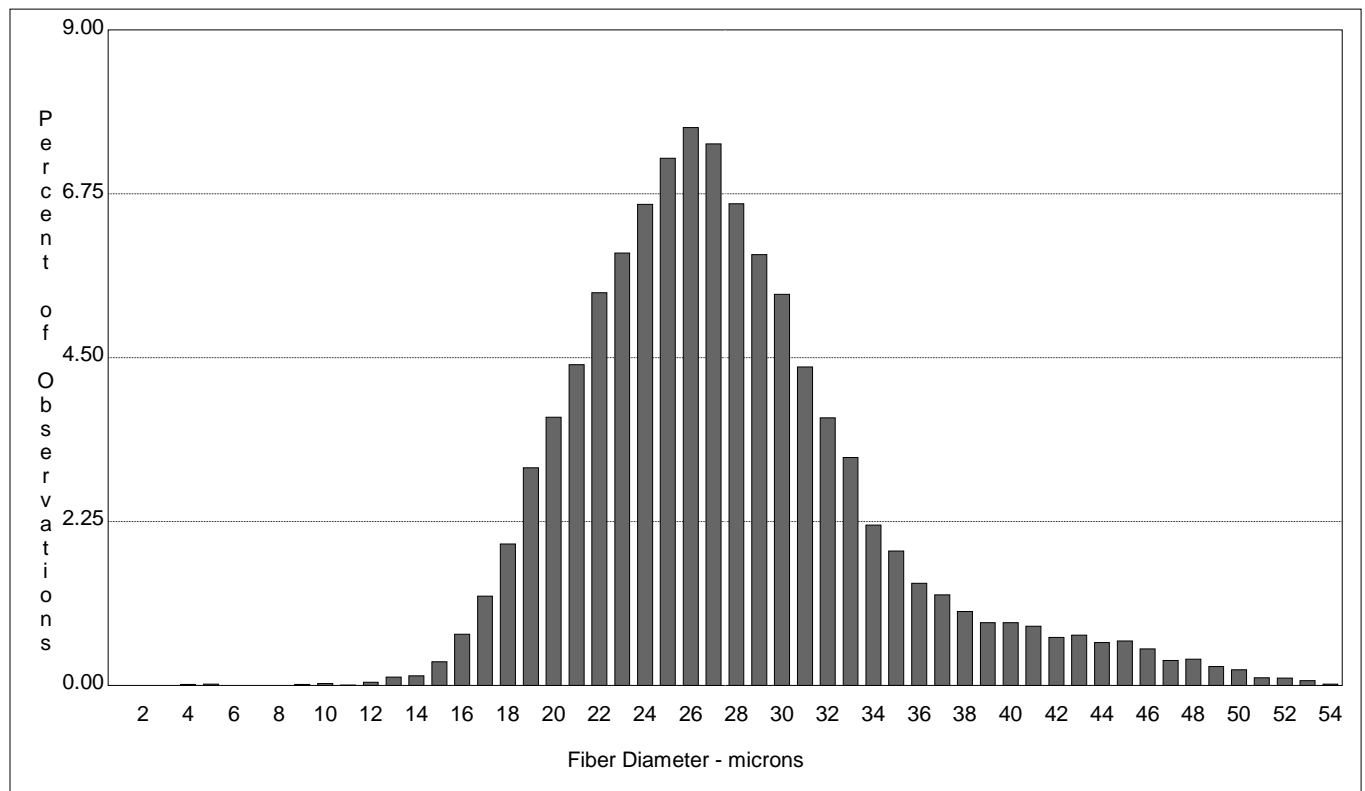
### Animal and Sample Description

**Animal Name:** Obsidian Queen  
**ARI #:** 31386012  
**Breed:** Alpaca(Suri)  
**Sex:** Female  
**Color:** True Black

**Date of Birth (Age):** 12/08/08  
**Sample Location:** Side  
**Sample Date:** 05/30/10  
**Previous Shear Date:** 05/30/09  
**Total Fleece Wt (lbs):** 6.00

### Laboratory Data

<b>Mean Fiber Diameter:</b>	27.6 microns	<b>Mean Staple Length:</b>	199.6 mm
<b>Standard Deviation:</b>	6.7 microns	<b>Length Standard Deviation:</b>	8.5 mm
<b>Coefficient of Variation:</b>	24.3 %	<b>Length Coefficient of Variation:</b>	4.3 %
<b>Spin Fineness:</b>	27.7 microns	<b>Mean Curvature:</b>	10.7 deg/mm
<b>Fibers Greater Than 30 microns:</b>	26.2 %	<b>SD Curvature:</b>	16.8 deg/mm
<b>Comfort Factor:</b>	73.8 %		



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