



# 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

Mountain Sky Ranch/Deb Dorband  
901 S County Road 31  
Berthoud CO 80513-8711

**Date:** 09/10/15  
**Shear ID:** 108056  
**Test No:** 913721

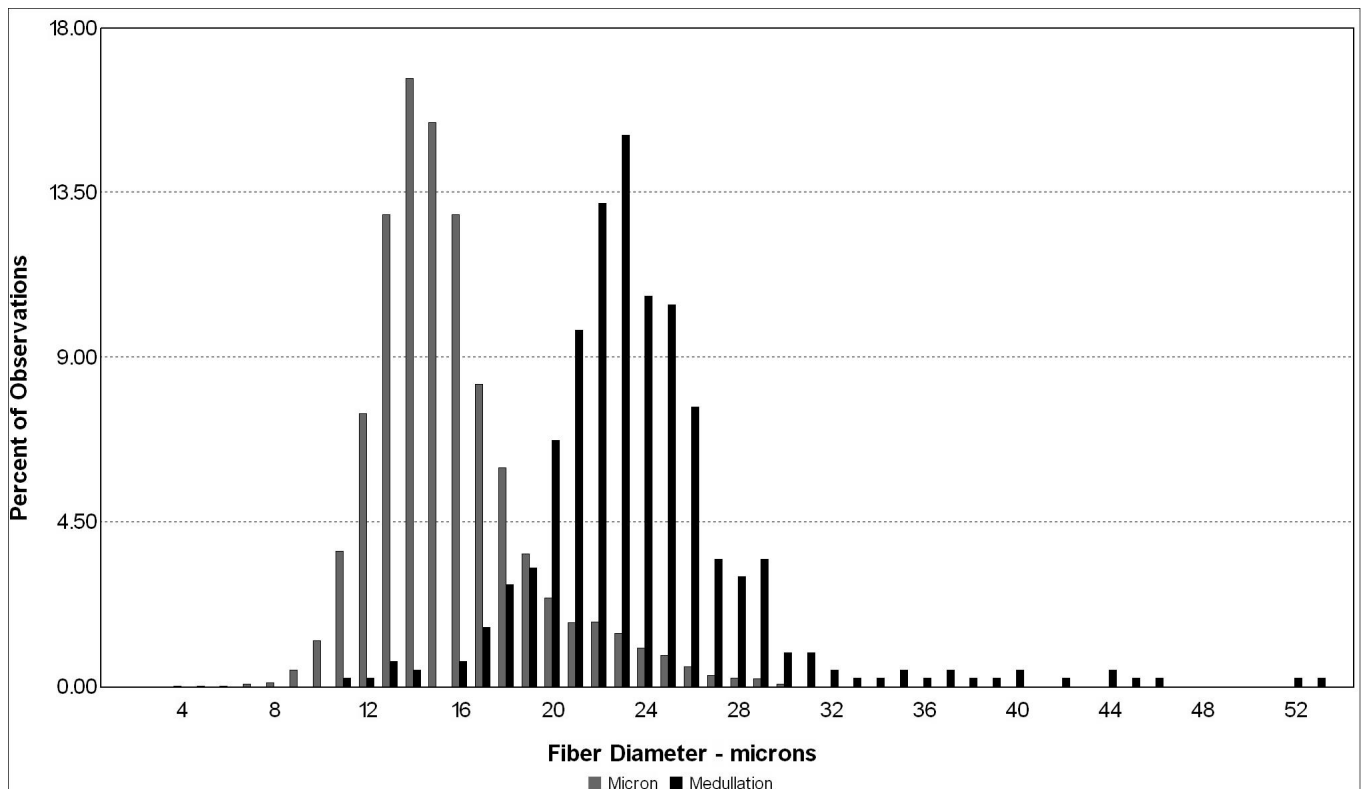
### Animal and Sample Description

**Animal Name:** Mountain Sky's Ivory  
**ARI #:** 32481600  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** White

**Date of Birth (Age):** 07/04/13  
**Sample Location:** Side  
**Sample Date:** 06/16/15  
**Previous Shear Date:** 05/30/14  
**Total Fleece Wt (lbs):** 4.20

### Laboratory Data

<b>Mean Fiber Diameter:</b>	15.6 microns	<b>Mean Staple Length:</b>	81.2 mm
<b>Standard Deviation:</b>	3.6 microns	<b>Length Standard Deviation:</b>	4.0 mm
<b>Coefficient of Variation:</b>	23.2 %	<b>Length Coefficient of Variation:</b>	4.9 %
<b>Spin Fineness:</b>	15.5 microns	<b>Mean Curvature:</b>	54.2 deg/mm
<b>Fibers Greater Than 30 microns:</b>	0.4 %	<b>SD Curvature:</b>	27.3 deg/mm
<b>Comfort Factor:</b>	99.6 %	<b>Medullated Fibers:</b>	5.6 %



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