



# Yocom-McColl Testing Laboratories, Inc.

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

Mystic Reign Alpacas/Kenny & Sheri Bowman  
6269 E Knights Way  
Prescott Valley AZ 86314 USA

**Date:** 08/22/17  
**Shear ID:** 148971  
**Test No:** 949051

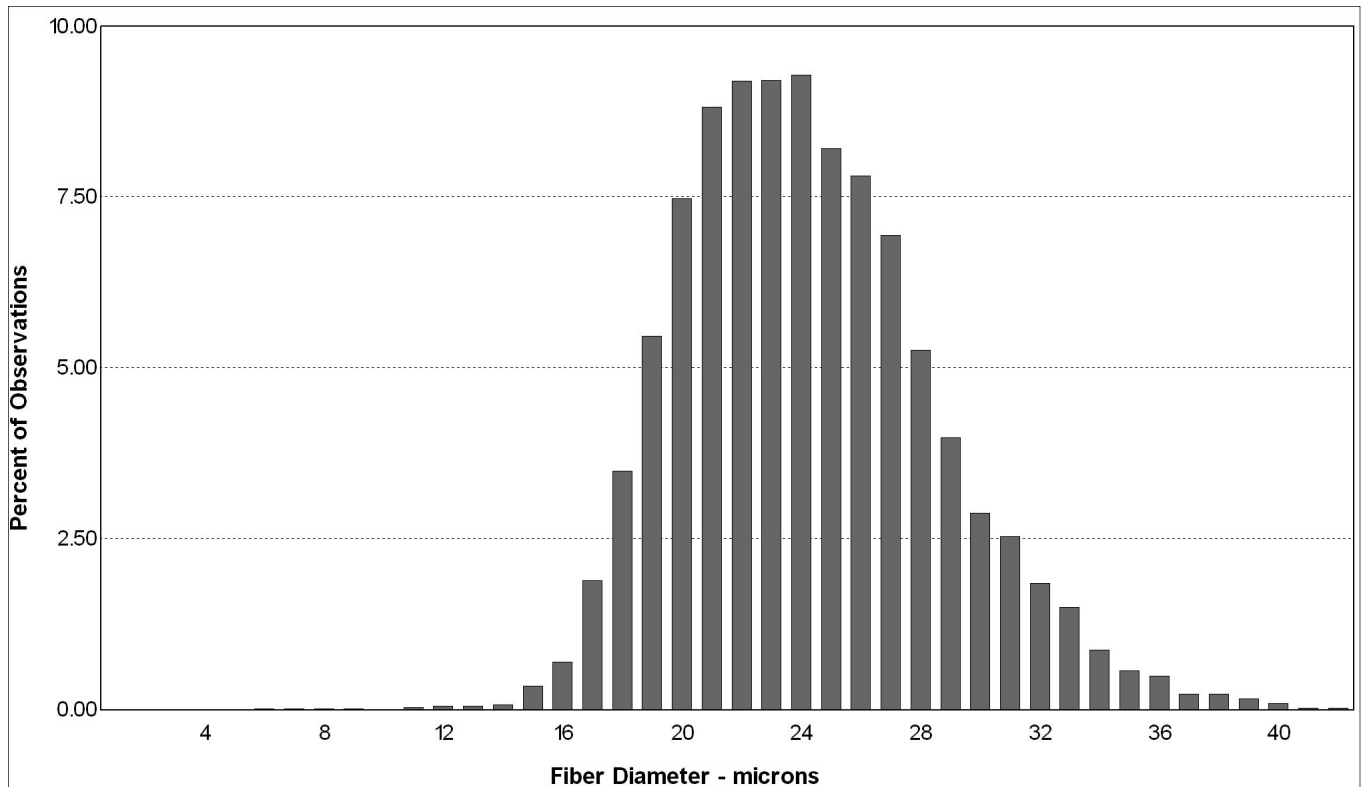
### Animal and Sample Description

**Animal Name:** Mayan Fire  
**ARI #:** 32629972  
**Breed:** Alpaca(Huacaya)  
**Sex:** Female  
**Color:** Med Fawn

**Date of Birth (Age):** 05/23/13  
**Sample Location:** Side  
**Sample Date:** 04/15/17  
**Previous Shear Date:** 04/16/16  
**Total Fleece Wt (lbs):** 6.44

### Laboratory Data

<b>Mean Fiber Diameter:</b>	24.3 microns	<b>Mean Staple Length:</b>	85.2 mm
<b>Standard Deviation:</b>	4.5 microns	<b>Length Standard Deviation:</b>	5.5 mm
<b>Coefficient of Variation:</b>	18.5 %	<b>Length Coefficient of Variation:</b>	6.5 %
<b>Spin Fineness:</b>	23.2 microns	<b>Mean Curvature:</b>	38.8 deg/mm
<b>Fibers Greater Than 30 microns:</b>	8.8 %	<b>SD Curvature:</b>	22.1 deg/mm
<b>Comfort Factor:</b>	91.2 %		



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