



# Yocom-McColl Testing Laboratories, Inc.

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

Arcona Alpacas/Thomas D Wilder  
264 Winding Way  
Camp Hill PA 17011-8463 USA

**Date:** 09/10/19  
**Shear ID:** 192333  
**Test No:** 982743

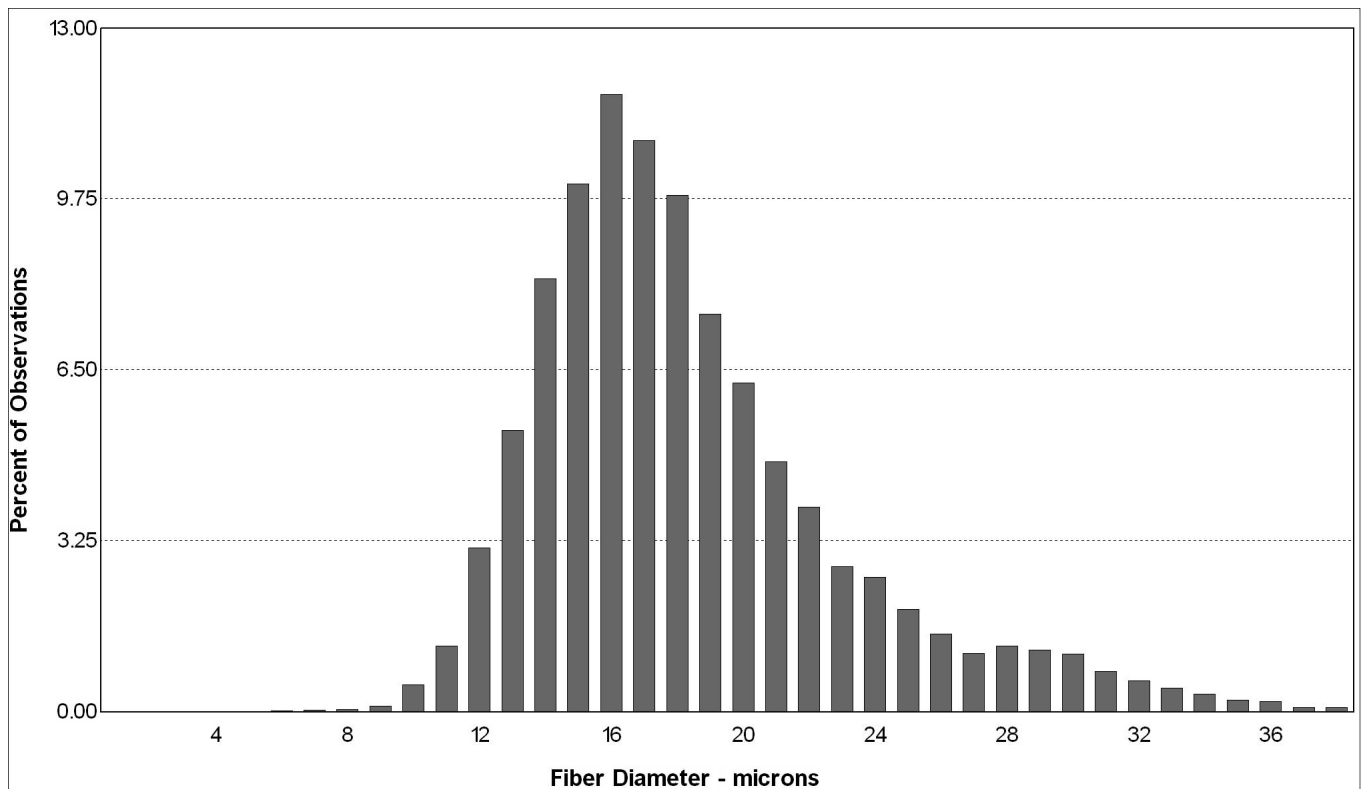
### Animal and Sample Description

**Animal Name:** WRSR Gianna by Crown Prince  
**ARI #:** 35174257  
**Breed:** Alpaca(Suri)  
**Sex:** Female  
**Color:** Lt Fawn

**Date of Birth (Age):** 06/28/16  
**Sample Location:** Side  
**Sample Date:** 05/11/19  
**Previous Shear Date:** 05/12/18  
**Total Fleece Wt (lbs):** 5.70

### Laboratory Data

|  |              |   |             |
|--|--------------|---|-------------|
| <b>Mean Fiber Diameter:</b>            | 18.5 microns | <b>Mean Staple Length:</b>              | 138.0 mm    |
| <b>Standard Deviation:</b>             | 5.0 microns  | <b>Length Standard Deviation:</b>       | 4.3 mm      |
| <b>Coefficient of Variation:</b>       | 27.0 %       | <b>Length Coefficient of Variation:</b> | 3.1 %       |
| <b>Spin Fineness:</b>                  | 19.0 microns | <b>Mean Curvature:</b>                  | 15.3 deg/mm |
| <b>Fibers Greater Than 30 microns:</b> | 3.1 %        | <b>SD Curvature:</b>                    | 18.7 deg/mm |
| <b>Comfort Factor:</b>                 | 96.9 %       |   |             |



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