

# 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

Big Timber Alpacas, LLC/Sue King  
29400 SW Heater Rd  
Sherwood OR 97140-5004

**Date:** 06/22/18  
**Shear ID:** 168413  
**Test No:** 962060

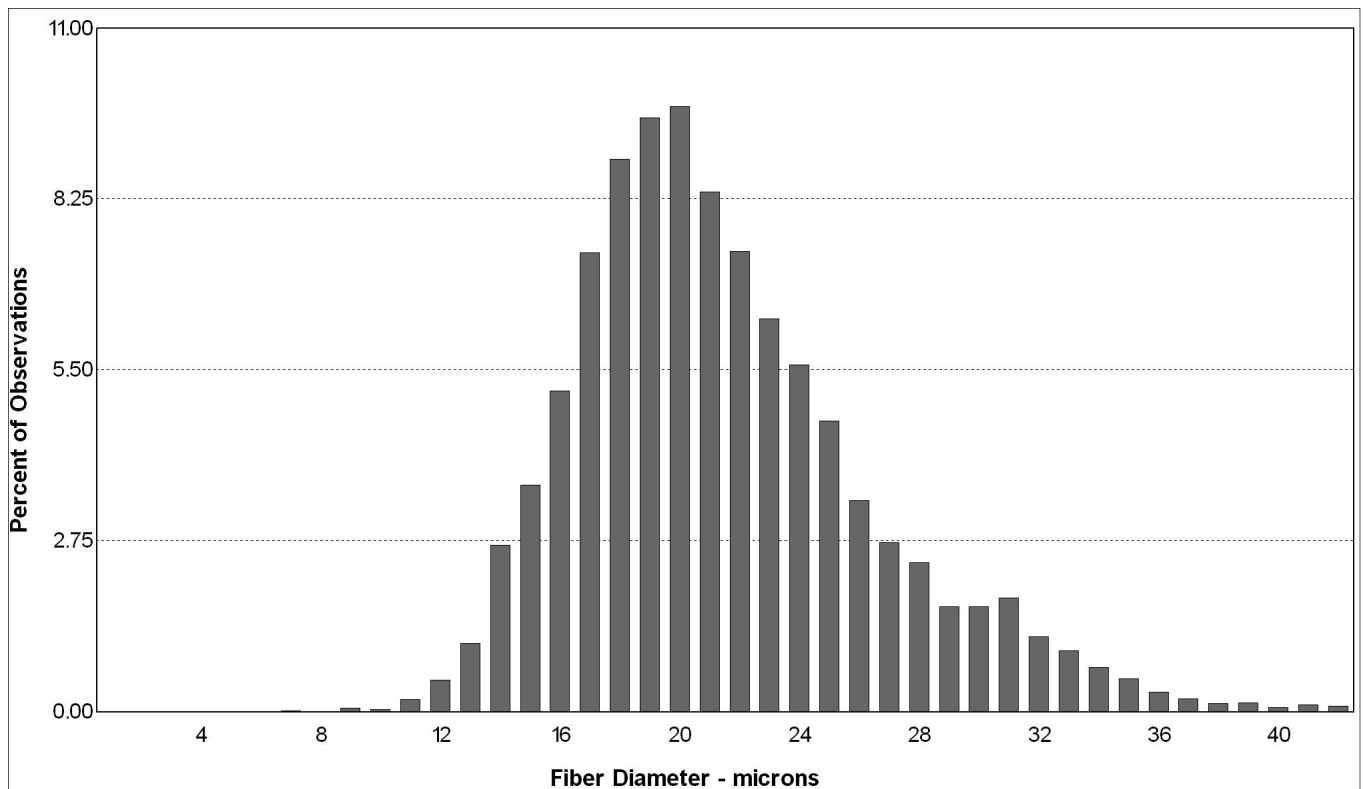
### Animal and Sample Description

**Animal Name:** Big Timber Dairy's Black Cherry  
**ARI #:** 35113201  
**Breed:** Alpaca(Suri)  
**Sex:** Female  
**Color:** True Black

**Date of Birth (Age):** 07/19/16  
**Sample Location:** Side  
**Sample Date:** 05/18/18  
**Previous Shear Date:** 05/25/17  
**Total Fleece Wt (lbs):** 5.50

### Laboratory Data

|  |              |   |             |
|--|--------------|---|-------------|
| <b>Mean Fiber Diameter:</b>            | 21.6 microns | <b>Mean Staple Length:</b>              | 173.4 mm    |
| <b>Standard Deviation:</b>             | 5.3 microns  | <b>Length Standard Deviation:</b>       | 8.2 mm      |
| <b>Coefficient of Variation:</b>       | 24.6 %       | <b>Length Coefficient of Variation:</b> | 4.8 %       |
| <b>Spin Fineness:</b>                  | 21.7 microns | <b>Mean Curvature:</b>                  | 13.3 deg/mm |
| <b>Fibers Greater Than 30 microns:</b> | 6.8 %        | <b>SD Curvature:</b>                    | 16.9 deg/mm |
| <b>Comfort Factor:</b>                 | 93.2 %       |   |             |



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