



# Yocom-McColl Testing Laboratories, Inc.

540 West Elk Place • Denver, Colorado 80216-1823 USA

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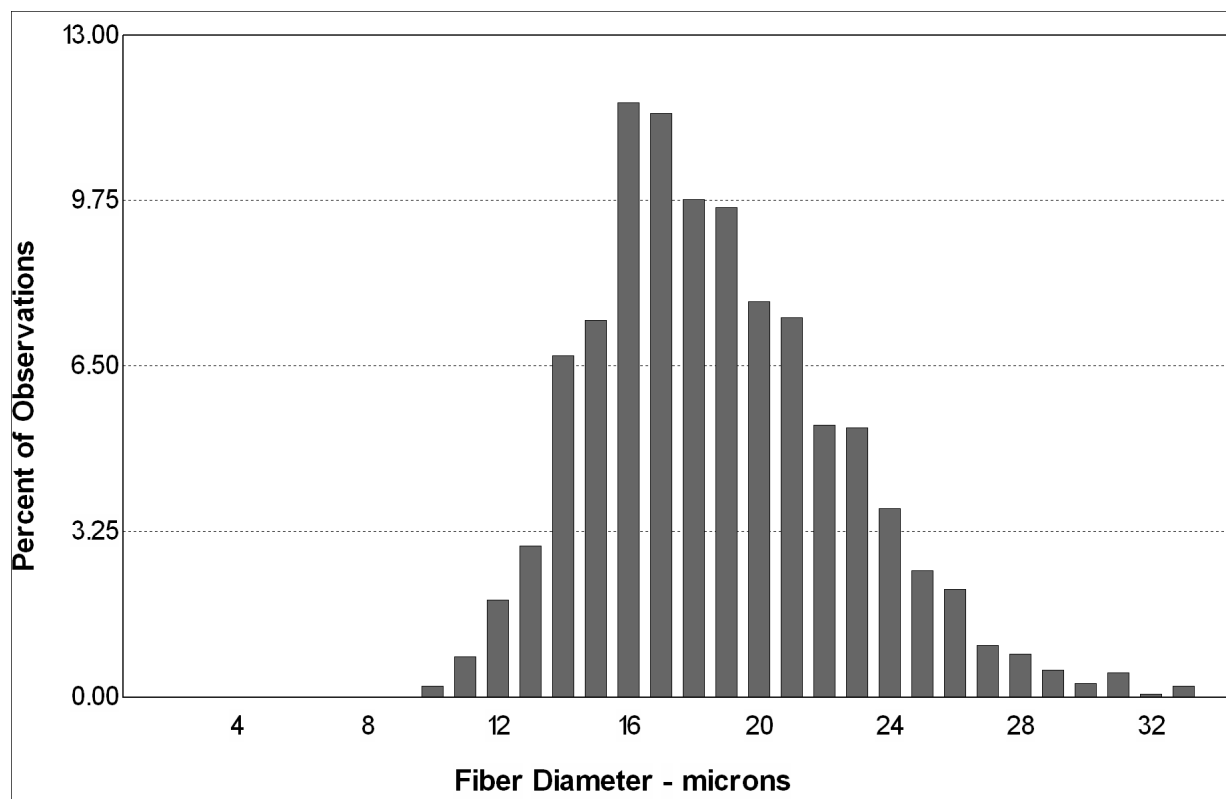
EMAIL: [ymccoll@ymccoll.com](mailto:ymccoll@ymccoll.com)

## Optical Fiber Diameter Analyser (OFDA 2000) Micron Test Report

**Date:** 09/23/19  
**Test No:** 983820  
**Farm Name:** Zuni Tree & Alpaca Farm  
**Breeder:** Shirley & Ronald Nelson  
**Address:** 19362 Tomlin Hill Dr  
Zuni VA 23898 USA

## Animal and Sample Description

**Animal Name:** ZTAF's Zeus  
**Breed:** Alpaca(Huacaya)  
**Sex:** Male  
**Color:** Med Brown  
**Animal ID:** 985141000872925  
**Sample Location:** Side  
**Sample Date:** 04/27/19  
**Date of Birth (Age):** 06/20/17  
**Previous Shear Date:** XX/XX/XX



Tested and conditioned under standard conditions for testing textiles

## Laboratory Data

**Mean Fiber Diameter:** 18.7 microns  
**Standard Deviation:** 3.9 microns  
**Coefficient of Variation:** 20.7 %  
**Spin Fineness:** 18.2 microns  
**Fibers > 30 microns:** 0.7 %  
**Comfort Factor:** 99.3 %  
**Mean Fiber Curvature:** 47.2 deg/mm  
**Standard Deviation Curvature:** 31.5 deg/mm



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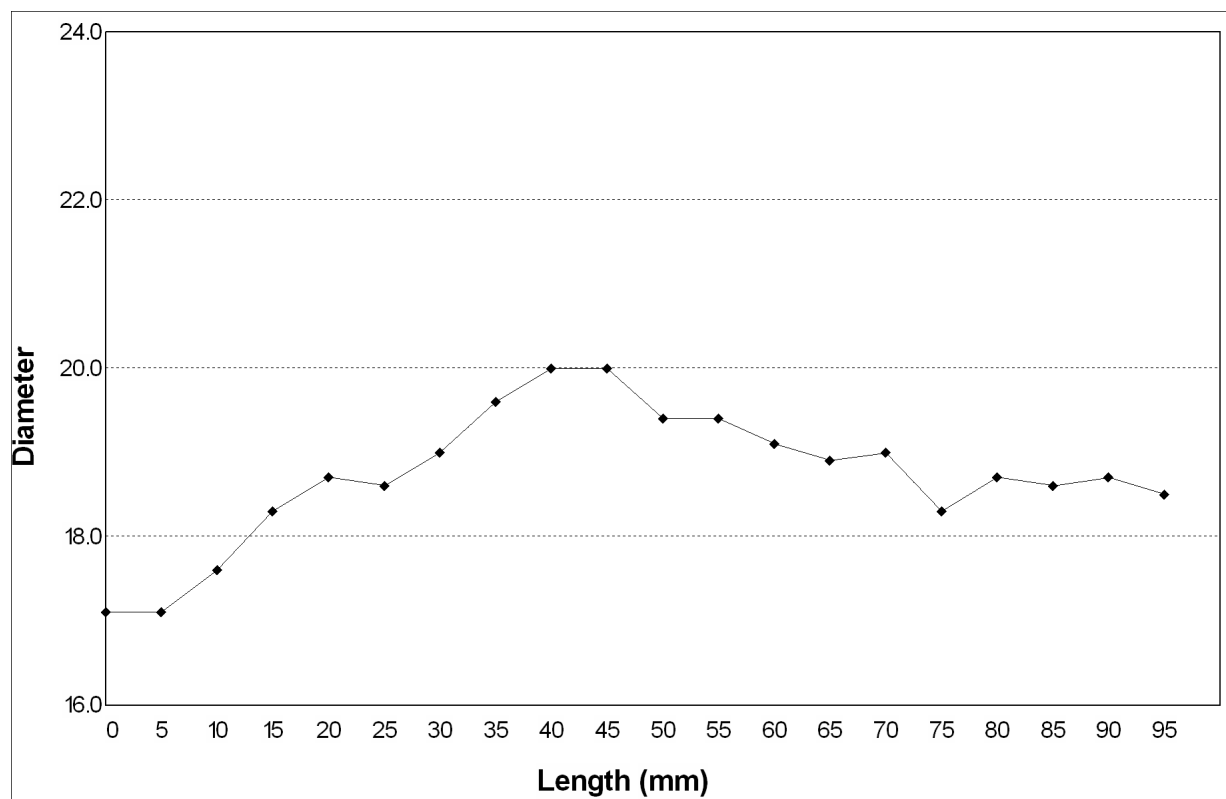
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### Optical Fiber Diameter Analyser (OFDA 2000) Staple Profile Report

**Date:** 09/23/19  
**Test No:** 983820  
**Farm Name:** Zuni Tree & Alpaca Farm  
**Breeder:** Shirley & Ronald Nelson  
**Address:** 19362 Tomlin Hill Dr  
Zuni VA 23898 USA

### Animal and Sample Description

**Animal Name:** ZTAF's Zeus  
**Breed:** Alpaca(Huacaya)  
**Sex:** Male  
**Color:** Med Brown  
**Animal ID:** 985141000872925  
**Sample Location:** Side  
**Sample Date:** 04/27/19  
**Date of Birth (Age):** 06/20/17  
**Previous Shear Date:** XX/XX/XX



Tested and conditioned under standard conditions for testing textiles

### Staple Data

**Staple Length:** 100.0 mm  
**Min Diameter:** 17.1 microns  
**Max Diameter:** 20.0 microns  
**Finest Point From Tip:** 0.0 mm  
**SD Along Staple:** 0.9 microns