



Yocom-McColl Testing Laboratories, Inc.
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Optical Fiber Diameter Analyser (OFDA 2000) Micron Test Report

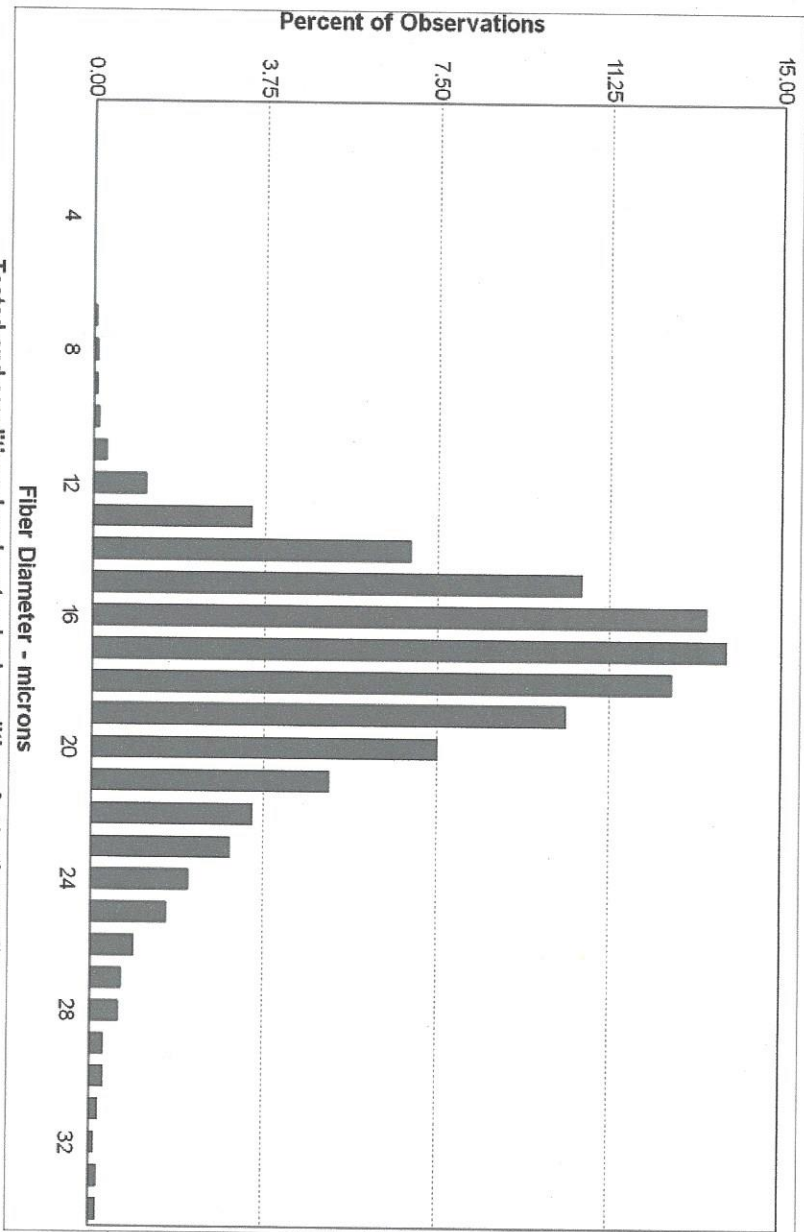
Date: 05/30/15
 Test No: 902190
 Farm Name: Alpacaholic Acres
 Breeder: Debra Zulll
 Address: 1601 Ridge Road
 York Springs PA 17372 USA

Animal and Sample Description

Animal Name: ZU Dark Force
 Breed: Alpaca(Huacaya)
 Sex: Male
 Color: True Black
 Animal ID: 32766561
 Sample Location: Side
 Sample Date: 05/10/15
 Date of Birth (Age): 04/28/14
 Previous Shear Date: 05/31/14

Laboratory Data

Mean Fiber Diameter: 18.2 microns
 Standard Deviation: 4.0 microns
 Coefficient of Variation: 22.0 %
 Spin Fineness: 17.8 microns
 Fibers > 30 microns: 1.3 %
 Comfort Factor: 98.7 %
 Mean Fiber Curvature: 34.1 deg/mm
 Standard Deviation Curvature: 25.1 deg/mm



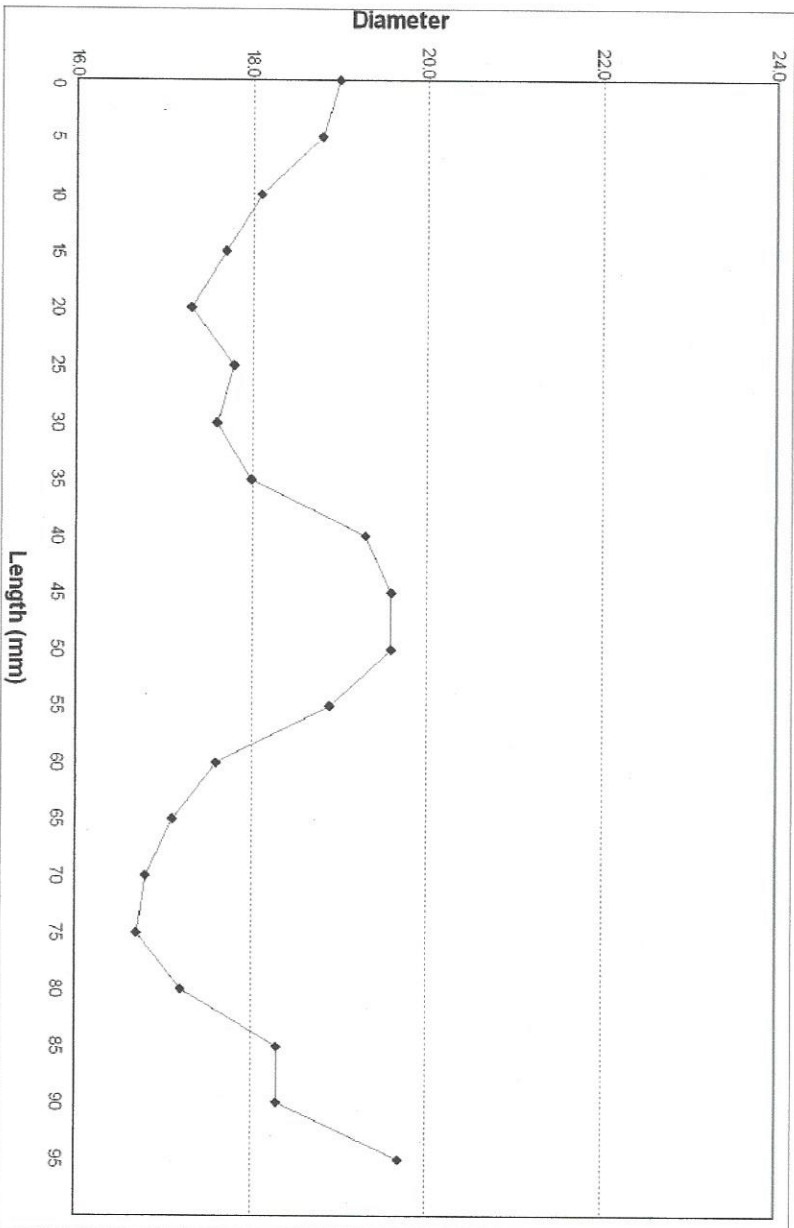
Tested and conditioned under standard conditions for testing textiles



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Optical Fiber Diameter Analyser (OFDA 2000) Staple Profile Report

Date: 05/30/15
Test No: 902190
Farm Name: Alpaca/holic Acres
Breeder: Debra Zulli
Address: 1601 Ridge Road
 York Springs PA 17372 USA



Tested and conditioned under standard conditions for testing textiles

Animal and Sample Description

Animal Name: ZU Dark Force
Breed: Alpaca(Huacaya)
Sex: Male
Color: True Black
Animal ID: 32766561
Sample Location: Side
Sample Date: 05/10/15
Date of Birth (Age): 04/28/14
Previous Shear Date: 05/31/14

Staple Data

Staple Length: 100.0 mm
Min Diameter: 16.7 microns
Max Diameter: 19.7 microns
Finest Point From Tip: 75.0 mm
SD Along Staple: 1.0 microns