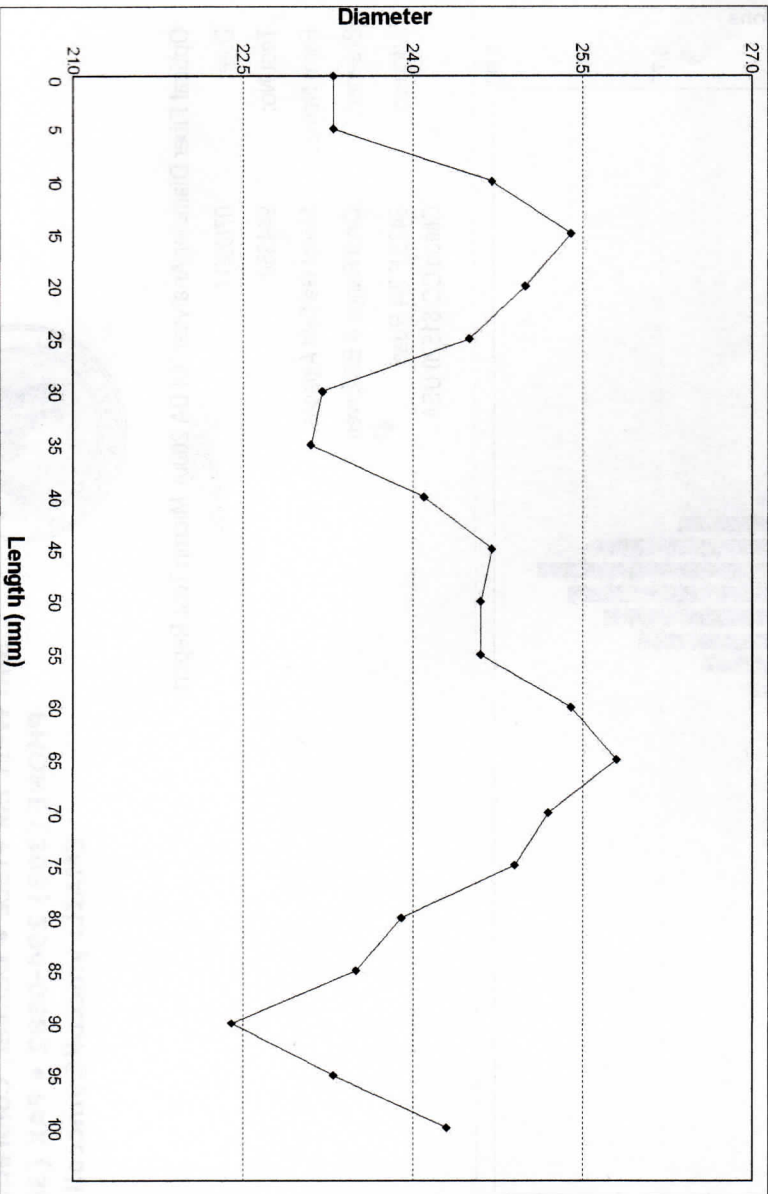




Yocom-McColl Testing Laboratories, Inc.
 540 West Elk Place • Denver, Colorado 80216-1823 USA
 PHONE (303) 294-0582 • FAX (303) 295-6944
 EMAIL: ymccoll@ymccoll.com

Optical Fiber Diameter Analyser (OFDA 2000) Staple Profile Report

Date: 07/09/17
 Test No: 944360
 Farm Name: Mount Garfield Alpacas
 Breeder: Cindi Range & Bill Erven
 Address: 3423 F 3/4 Road
 Clifton CO 81520 USA



Tested and conditioned under standard conditions for testing textiles

Animal and Sample Description

Animal Name: Jade's Jewelee
 Breed: Alpaca(Huacaya)
 Sex: Female
 Color: Med Brown
 Animal ID: 32706680
 Sample Location: Side
 Sample Date: 05/06/17
 Date of Birth (Age): 06/03/14
 Previous Shear Date: 05/15/16

Staple Data

Staple Length: 105.0 mm
 Min Diameter: 22.4 microns
 Max Diameter: 25.8 microns
 Finest Point From Tip: 90.0 mm
 SD Along Staple: 0.9 microns



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Optical Fiber Diameter Analyser (OFDA 2000) Micron Test Report

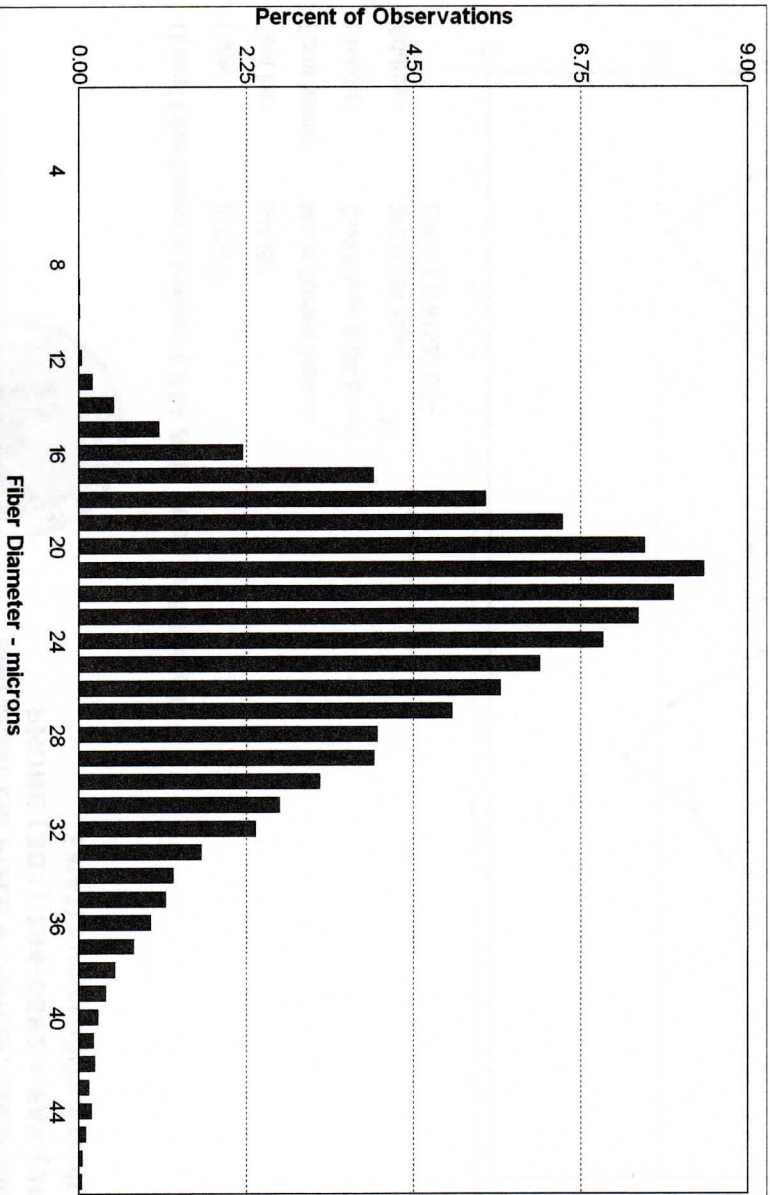
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Laboratory Data

Mean Fiber Diameter: 24.3 microns
 Standard Deviation: 5.9 microns
 Coefficient of Variation: 24.2 %
 Spin Fineness: 24.3 microns
 Fibers > 30 microns: 13.3 %
 Comfort Factor: 86.7 %
 Mean Fiber Curvature: 31.1 deg/mm
 Standard Deviation Curvature: 26.8 deg/mm



Tested and conditioned under standard conditions for testing textiles