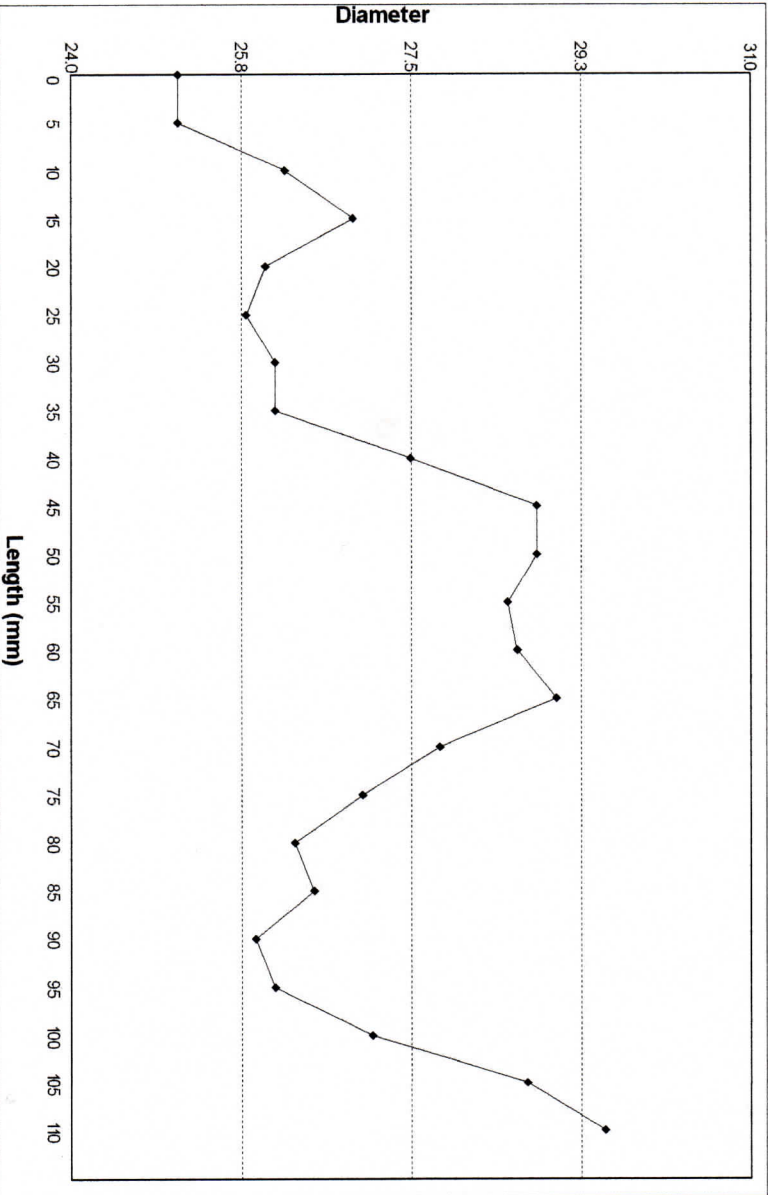




Yocom-McColl Testing Laboratories, Inc.
540 West Elk Place • Denver, Colorado 80216-1823 USA
PHONE (303) 294-0582 • FAX (303) 295-6944
EMAIL: ymccoll@ymccoll.com

Optical Fiber Diameter Analyser (OFDA 2000) Staple Profile Report

Date: 07/09/17
Test No: 944359
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: Balin of Mount Garfield Alpacas
Breed: Alpaca(Huacaya)
Sex: Male
Color: Med Brown/Lt Brown/Rose/White Spot
Animal ID: 35282037
Sample Location: Side
Sample Date: 05/06/17
Date of Birth (Age): 08/06/15
Previous Shear Date: 05/15/16

Staple Data

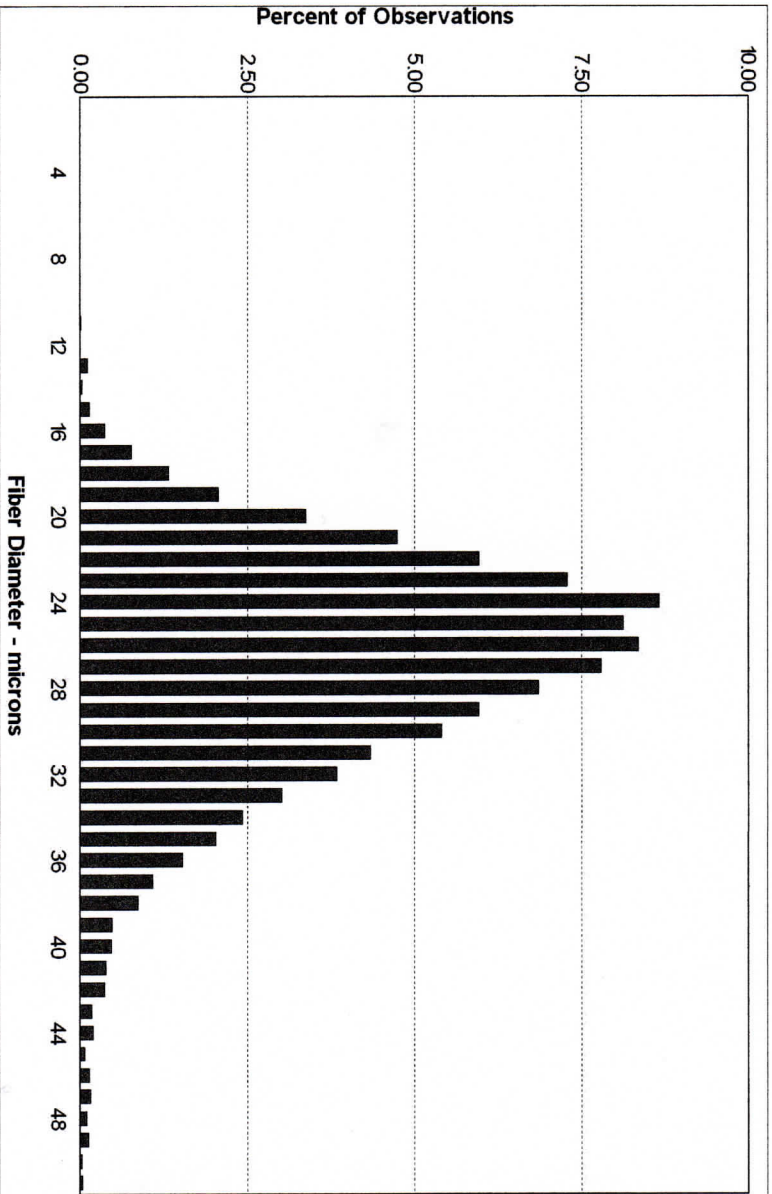
Staple Length: 115.0 mm
Min Diameter: 25.1 microns
Max Diameter: 29.5 microns
Finest Point From Tip: 0.0 mm
SD Along Staple: 1.3 microns



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Optical Fiber Diameter Analyser (OFDA 2000) Micron Test Report

Date: 07/09/17
 Test No: 944359
 Farm Name: Mount Garfield Alpacas
 Breeder: Cindi Range & Bill Even
 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: Ballin of Mount Garfield Alpacas
 Breed: Alpaca(Huacaya)
 Sex: Male
 Color: Med Brown/Lt Brown/Rose/White Spot
 Animal ID: 35282037
 Sample Location: Side
 Sample Date: 05/06/17
 Date of Birth (Age): 08/06/15
 Previous Shear Date: 05/15/16

Laboratory Data

Mean Fiber Diameter: 27.2 microns
 Standard Deviation: 6.0 microns
 Coefficient of Variation: 22.1 %
 Spin Fineness: 26.7 microns
 Fibers > 30 microns: 22.6 %
 Comfort Factor: 77.4 %
 Mean Fiber Curvature: 32.7 deg/mm
 Standard Deviation Curvature: 22.3 deg/mm