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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Gates Alpaca Ranch/Andrew & Kristina Gates
48531 Russia Road
Amherst OH 44001 USA

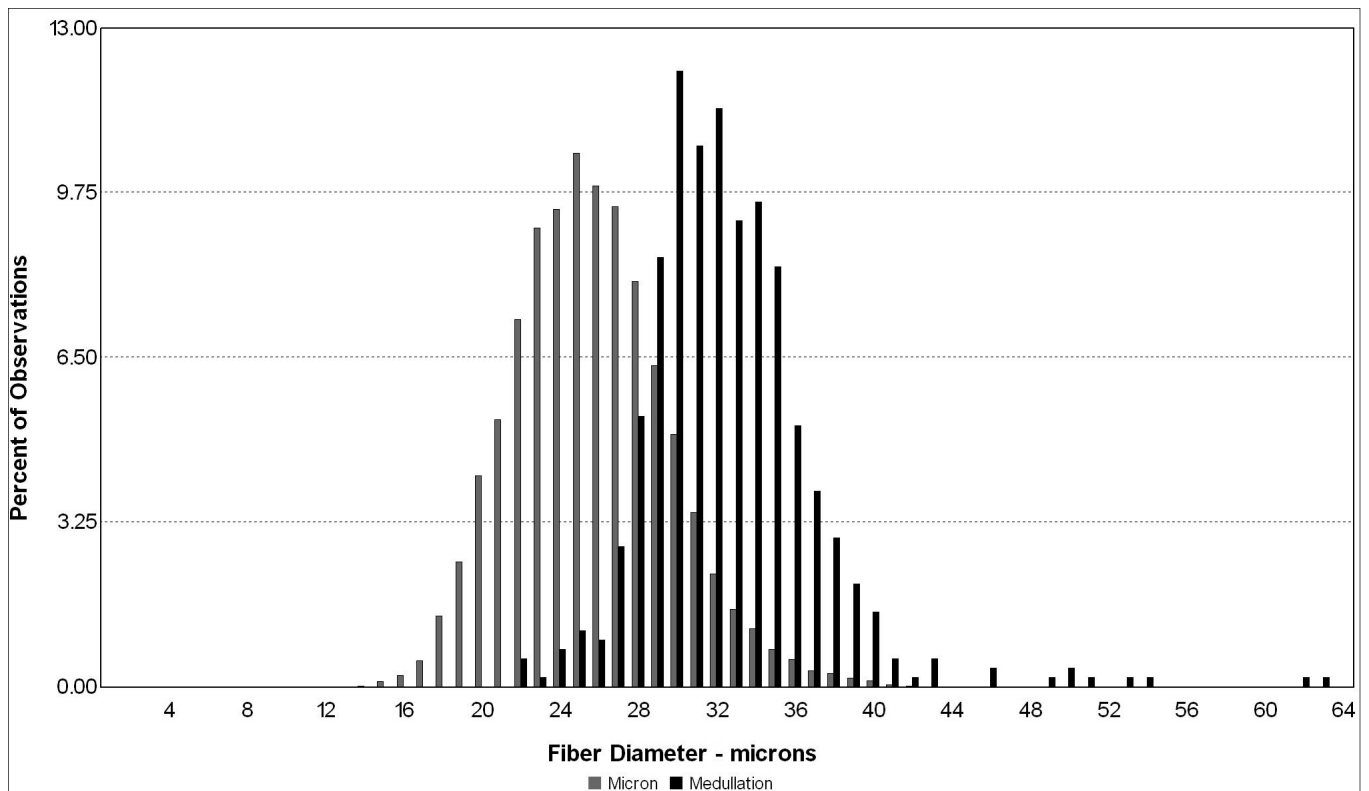
Date: 07/22/17
Shear ID: 144059
Test No: 945615

Animal and Sample Description

Animal Name: MFI Peruvian Round Again	Date of Birth (Age): 06/15/13
ARI #: 32457582	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/16/17
Sex: Female	Previous Shear Date: 05/14/16
Color: White	Total Fleece Wt (lbs): 9.20

Laboratory Data

Mean Fiber Diameter: 25.7 microns	Mean Staple Length: 81.2 mm
Standard Deviation: 4.2 microns	Length Standard Deviation: 3.1 mm
Coefficient of Variation: 16.3 %	Length Coefficient of Variation: 3.8 %
Spin Fineness: 24.1 microns	Mean Curvature: 47.0 deg/mm
Fibers Greater Than 30 microns: 10.9 %	SD Curvature: 26.8 deg/mm
Comfort Factor: 89.1 %	Medullated Fibers: 6.7 %



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