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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Arcona Alpacas/Thomas D Wilder
264 Winding Way
Camp Hill PA 17011-8463 USA

Date: 09/10/19
Shear ID: 192332
Test No: 982738

Animal and Sample Description

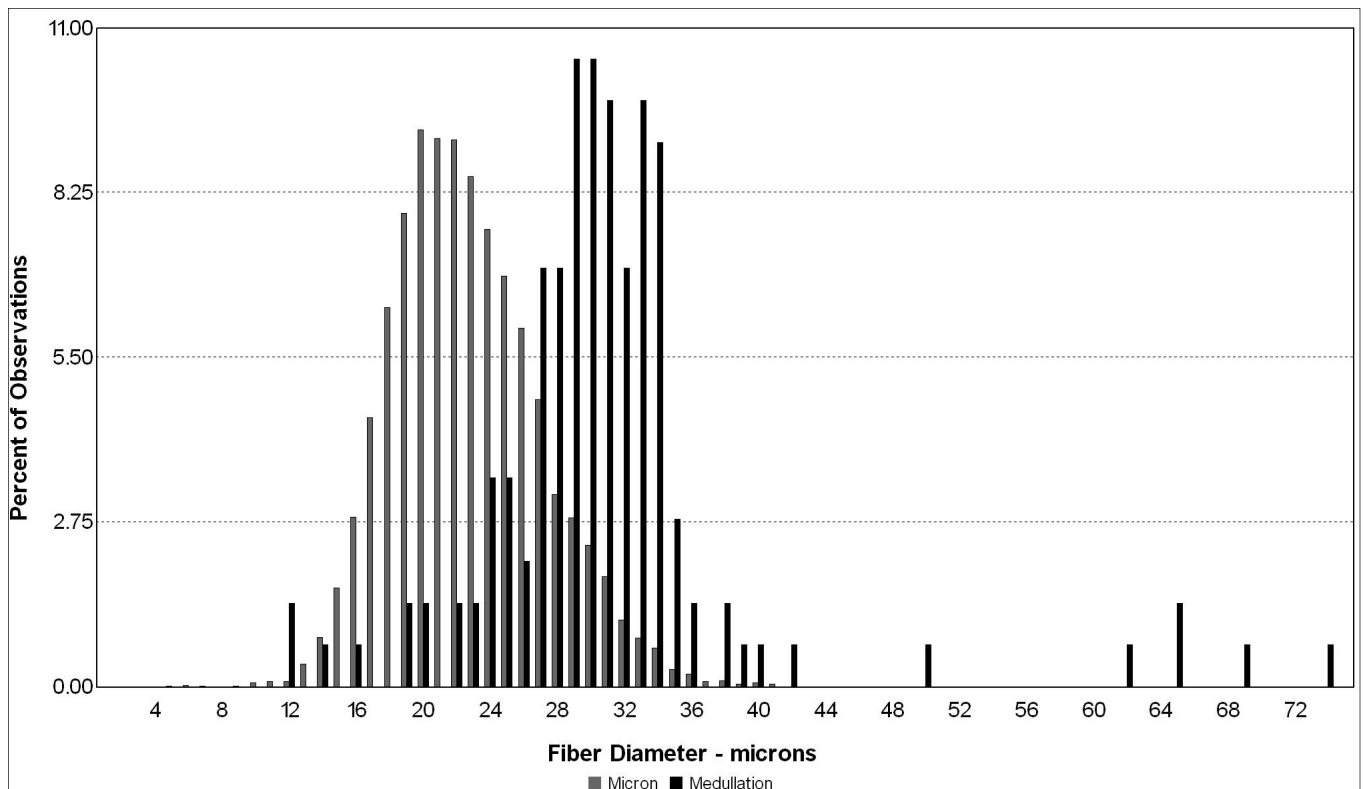
Animal Name: Arcona's Clara Bella of Revelation
ARI #: 35247951
Breed: Alpaca(Suri)
Sex: Female
Color: White

Date of Birth (Age): 08/05/16
Sample Location: Side
Sample Date: 05/11/19
Previous Shear Date: 05/12/18
Total Fleece Wt (lbs): 7.50

Laboratory Data

Mean Fiber Diameter: 22.7 microns
Standard Deviation: 4.7 microns
Coefficient of Variation: 20.5 %
Spin Fineness: 22.0 microns
Fibers Greater Than 30 microns: 5.5 %
Comfort Factor: 94.5 %

Mean Staple Length: 143.8 mm
Length Standard Deviation: 2.8 mm
Length Coefficient of Variation: 1.9 %
Mean Curvature: 23.6 deg/mm
SD Curvature: 34.2 deg/mm
Medullated Fibers: 1.8 %



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