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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: 192338
Test No: 982733

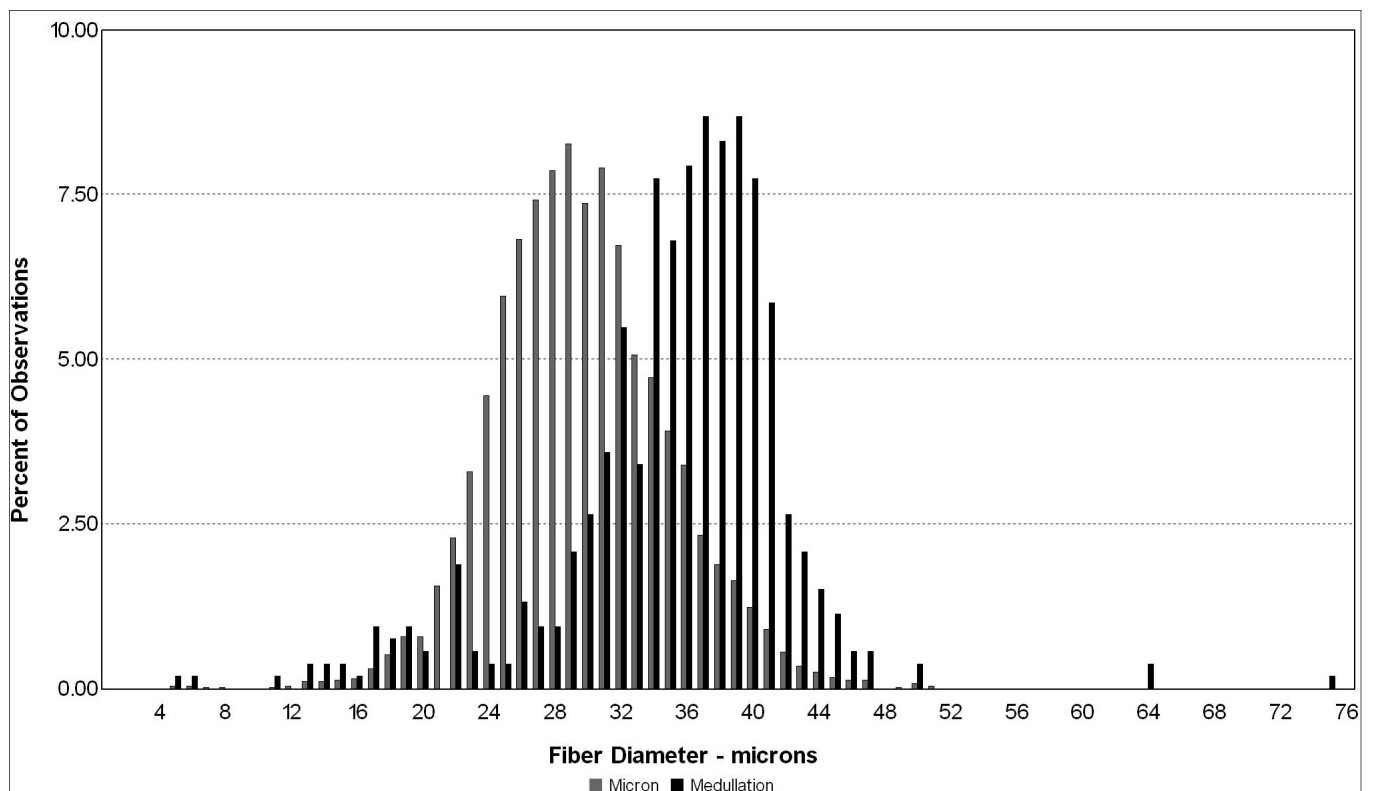
Animal and Sample Description

Animal Name: Arcona's Hurricane of Clara
ARI #: 32605594
Breed: Alpaca(Suri)
Sex: Male
Color: White

Date of Birth (Age): 11/01/12
Sample Location: Side
Sample Date: 05/11/19
Previous Shear Date: 05/12/18
Total Fleece Wt (lbs): 8.70

Laboratory Data

Mean Fiber Diameter:	29.7 microns	Mean Staple Length:	130.4 mm
Standard Deviation:	5.4 microns	Length Standard Deviation:	5.0 mm
Coefficient of Variation:	18.2 %	Length Coefficient of Variation:	3.8 %
Spin Fineness:	28.2 microns	Mean Curvature:	10.9 deg/mm
Fibers Greater Than 30 microns:	41.6 %	SD Curvature:	13.8 deg/mm
Comfort Factor:	58.4 %	Medullated Fibers:	11.3 %



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