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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Libertas Farm/Derek and Jilian Dickson
138 Carpenter Hill Rd
Alfred ME 04002-3140

Date: 10/01/19
Shear ID: 192154
Test No: 984482

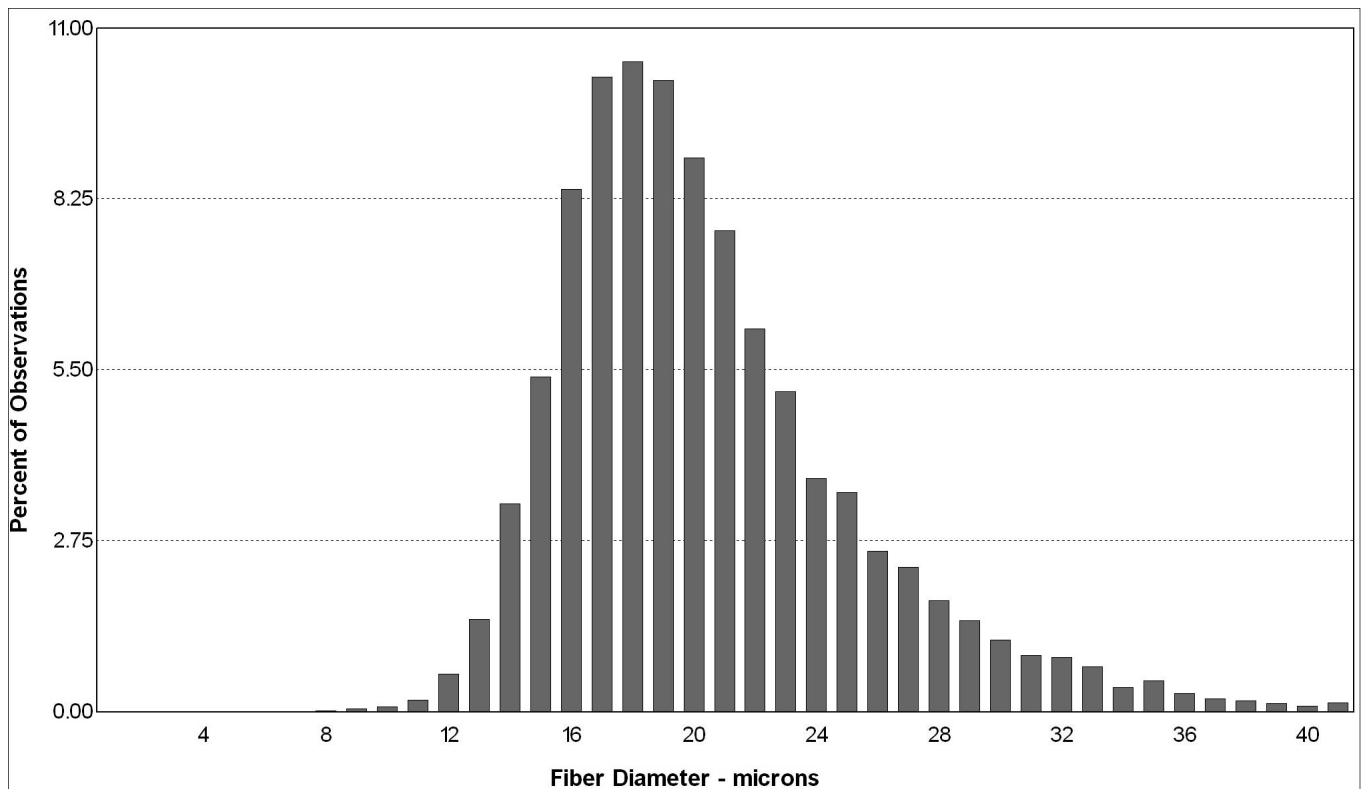
Animal and Sample Description

Animal Name: Libertas Midnight Storm
ARI #: 35548034
Breed: Alpaca(Huacaya)
Sex: Female
Color: Bay Black

Date of Birth (Age): 09/18/18
Sample Location: Side
Sample Date: 06/29/19
Previous Shear Date: XX/XX/XX
Total Fleece Wt (lbs): 3.20

Laboratory Data

Mean Fiber Diameter:	20.6 microns	Mean Staple Length:	144.6 mm
Standard Deviation:	5.3 microns	Length Standard Deviation:	3.4 mm
Coefficient of Variation:	25.8 %	Length Coefficient of Variation:	2.3 %
Spin Fineness:	20.9 microns	Mean Curvature:	35.4 deg/mm
Fibers Greater Than 30 microns:	5.1 %	SD Curvature:	21.2 deg/mm
Comfort Factor:	94.9 %		



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