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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: 192149
Test No: 984476

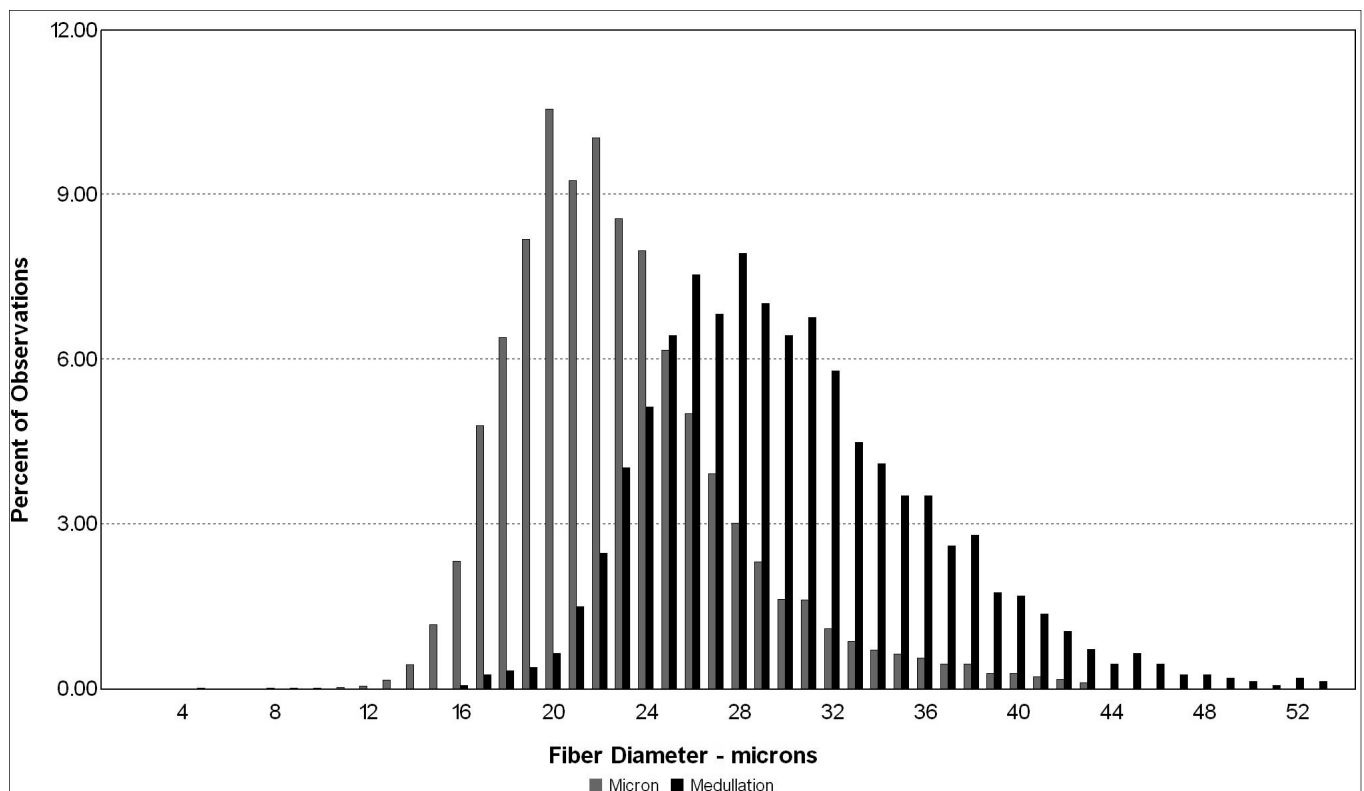
Animal and Sample Description

Animal Name: EastCoast Comet
ARI #: 35047223
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Date of Birth (Age): 05/30/14
Sample Location: Side
Sample Date: 06/29/19
Previous Shear Date: 05/12/18
Total Fleece Wt (lbs): 8.80

Laboratory Data

Mean Fiber Diameter:	23.0 microns	Mean Staple Length:	103.2 mm
Standard Deviation:	5.1 microns	Length Standard Deviation:	2.6 mm
Coefficient of Variation:	22.2 %	Length Coefficient of Variation:	2.5 %
Spin Fineness:	22.7 microns	Mean Curvature:	46.0 deg/mm
Fibers Greater Than 30 microns:	7.9 %	SD Curvature:	25.8 deg/mm
Comfort Factor:	92.1 %	Medullated Fibers:	15.9 %



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