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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

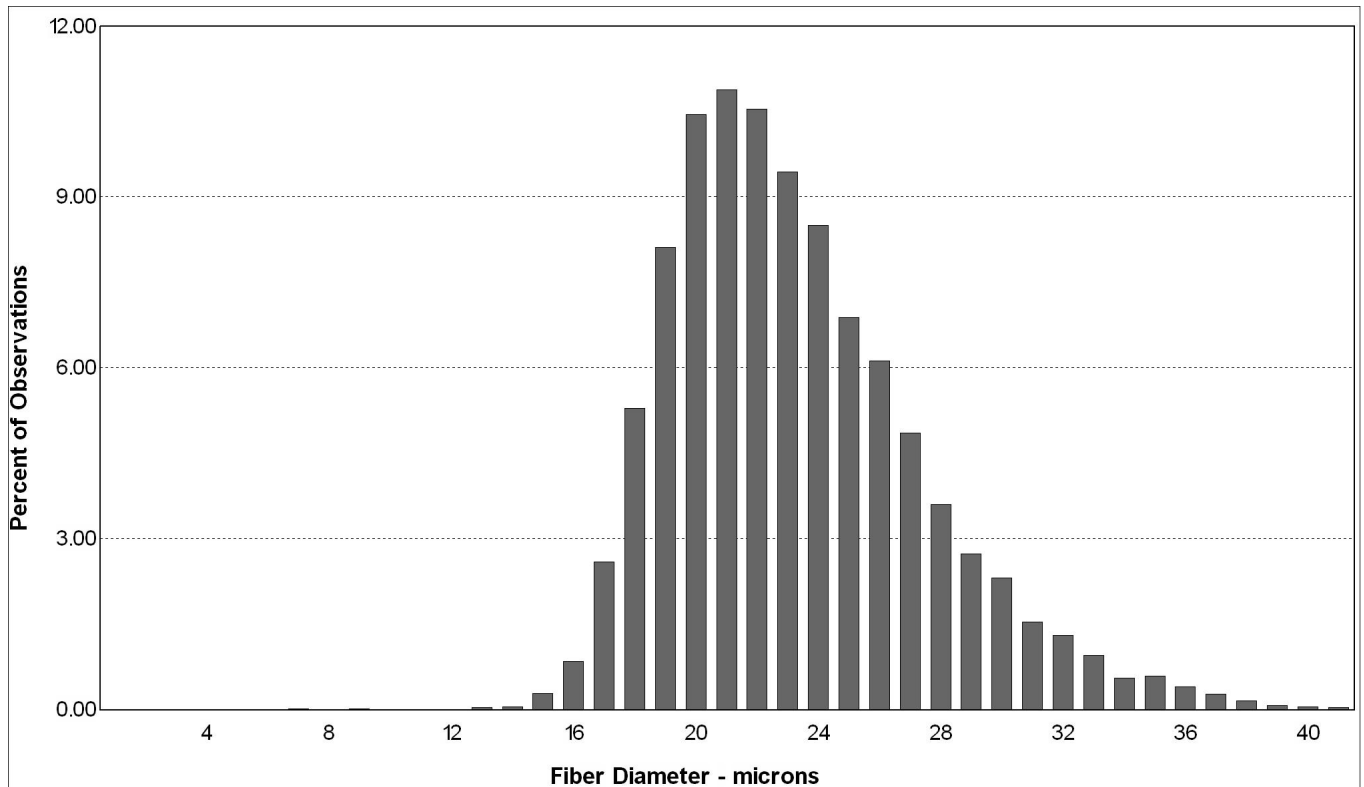
Date: 10/01/19
Shear ID: 192145
Test No: 984478

Animal and Sample Description

Animal Name:	Brontti Cheshunt Hooker	Date of Birth (Age):	06/23/15
ARI #:	35147305	Sample Location:	Side
Breed:	Alpaca(Huacaya)	Sample Date:	06/29/19
Sex:	Male	Previous Shear Date:	06/05/18
Color:	Med Fawn	Total Fleece Wt (lbs):	7.80

Laboratory Data

Mean Fiber Diameter:	23.4 microns	Mean Staple Length:	108.2 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	2.2 mm
Coefficient of Variation:	19.3 %	Length Coefficient of Variation:	2.0 %
Spin Fineness:	22.4 microns	Mean Curvature:	35.1 deg/mm
Fibers Greater Than 30 microns:	6.4 %	SD Curvature:	20.3 deg/mm
Comfort Factor:	93.6 %		



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