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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

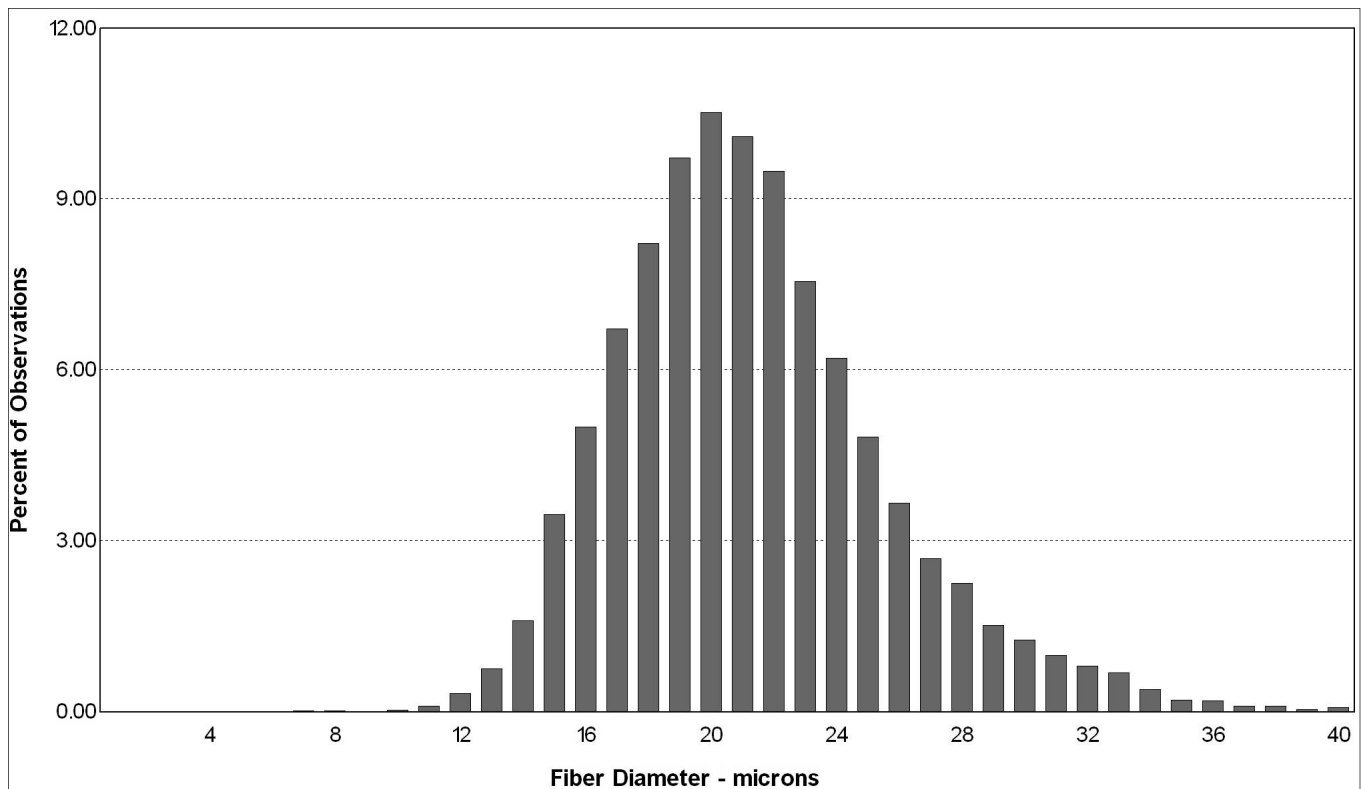
Date: 10/01/19
Shear ID: 192150
Test No: 984483

Animal and Sample Description

Animal Name:	HAA Peruvian Perfection	Date of Birth (Age):	10/14/08
ARI #:	31452854	Sample Location:	Side
Breed:	Alpaca(Huacaya)	Sample Date:	06/29/19
Sex:	Male	Previous Shear Date:	05/14/18
Color:	Dark Brown	Total Fleece Wt (lbs):	6.80

Laboratory Data

Mean Fiber Diameter:	21.4 microns	Mean Staple Length:	67.0 mm
Standard Deviation:	4.7 microns	Length Standard Deviation:	2.6 mm
Coefficient of Variation:	21.8 %	Length Coefficient of Variation:	3.8 %
Spin Fineness:	21.0 microns	Mean Curvature:	45.0 deg/mm
Fibers Greater Than 30 microns:	4.0 %	SD Curvature:	23.7 deg/mm
Comfort Factor:	96.0 %		



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