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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Big Timber Alpacas, LLC/Sue King
29400 SW Heater Rd
Sherwood OR 97140-5004

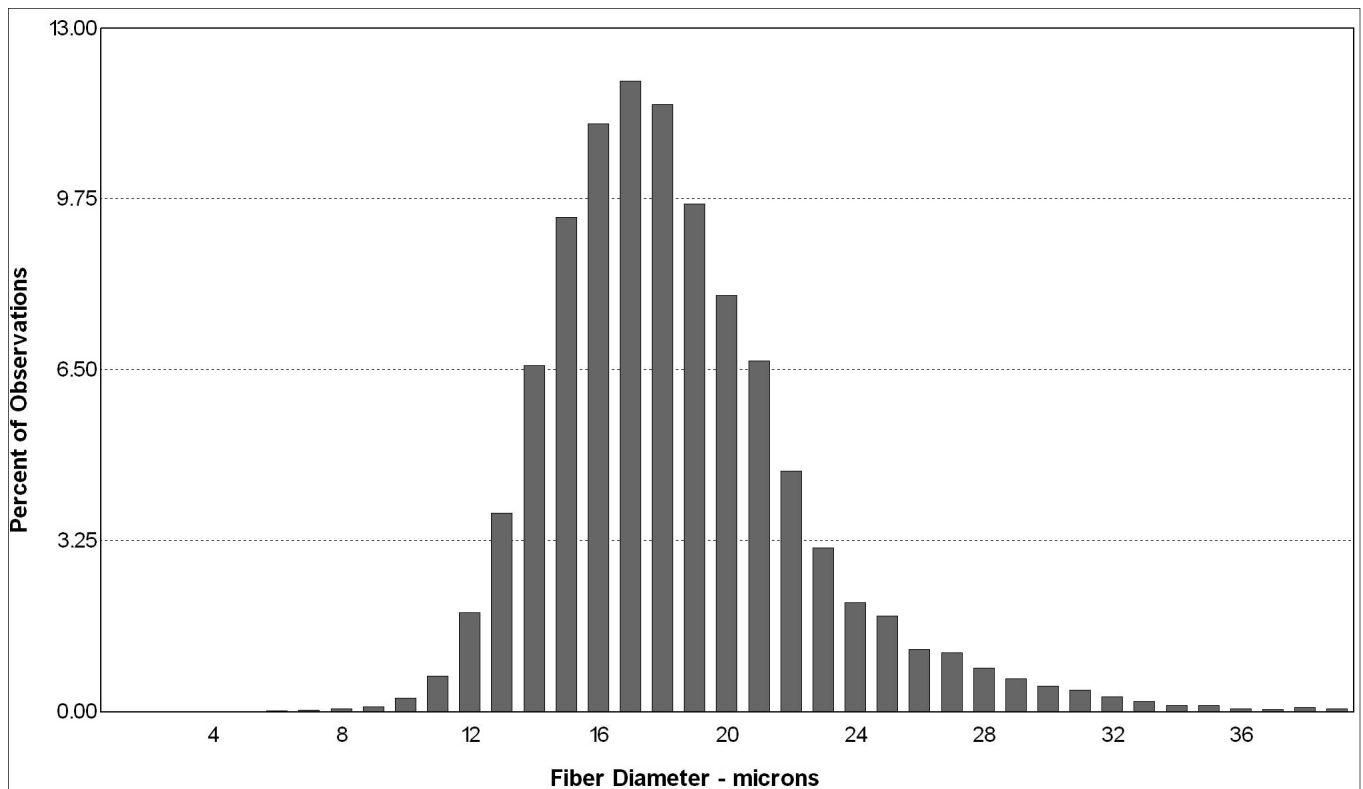
Date: 07/22/17
Shear ID: 144103
Test No: 945600

Animal and Sample Description

Animal Name:	Big Timber's Cocobolo	Date of Birth (Age):	09/03/16
ARI #:	35122135	Sample Location:	Side
Breed:	Alpaca(Suri)	Sample Date:	05/25/17
Sex:	Female	Previous Shear Date:	XX/XX/XX
Color:	Lt Brown	Total Fleece Wt (lbs):	3.20

Laboratory Data

Mean Fiber Diameter:	18.8 microns	Mean Staple Length:	147.2 mm
Standard Deviation:	5.3 microns	Length Standard Deviation:	4.6 mm
Coefficient of Variation:	28.3 %	Length Coefficient of Variation:	3.1 %
Spin Fineness:	19.5 microns	Mean Curvature:	11.8 deg/mm
Fibers Greater Than 30 microns:	2.5 %	SD Curvature:	17.8 deg/mm
Comfort Factor:	97.5 %		



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