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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

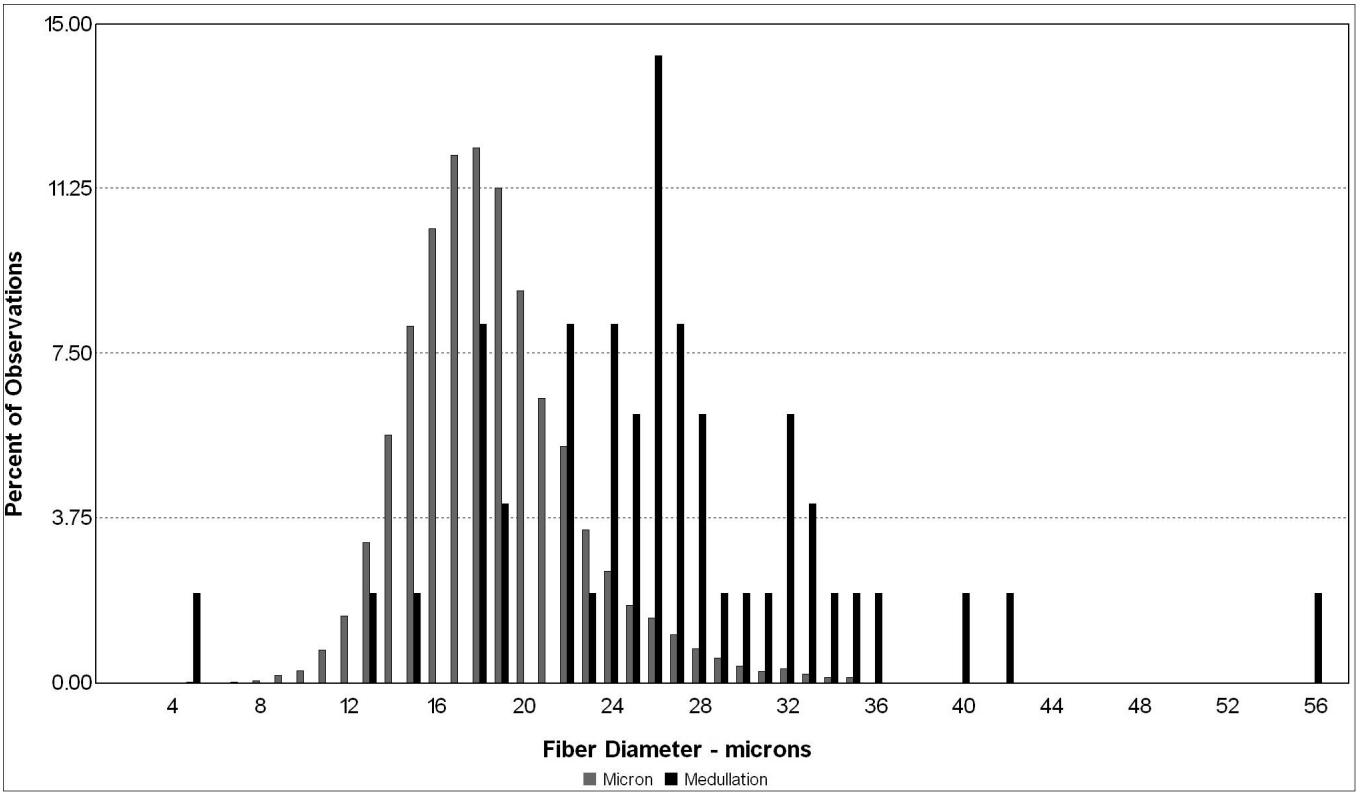
Date: 07/24/19
Shear ID: 186756
Test No: 976880

Animal and Sample Description

Animal Name:	Emerald's Eminence	**Date of Birth (Age):**	09/22/17
ARI #:	35136354	**Sample Location:**	Side
Breed:	Alpaca(Suri)	**Sample Date:**	05/28/19
Sex:	Female	**Previous Shear Date:**	06/06/18
Color:	White	**Total Fleece Wt (lbs):**	4.50

Laboratory Data

Mean Fiber Diameter:	18.7 microns	**Mean Staple Length:**	144.8 mm
Standard Deviation:	4.2 microns	**Length Standard Deviation:**	2.8 mm
Coefficient of Variation:	22.6 %	**Length Coefficient of Variation:**	1.9 %
Spin Fineness:	18.5 microns	**Mean Curvature:**	16.0 deg/mm
Fibers Greater Than 30 microns:	1.6 %	**SD Curvature:**	15.2 deg/mm
Comfort Factor:	98.4 %	**Medullated Fibers:**	0.8 %



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