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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

North Plains Alpacas/Tim & Eldonna Graber
18735 NW Dixie Mountain Rd
North Plains OR 97133 USA

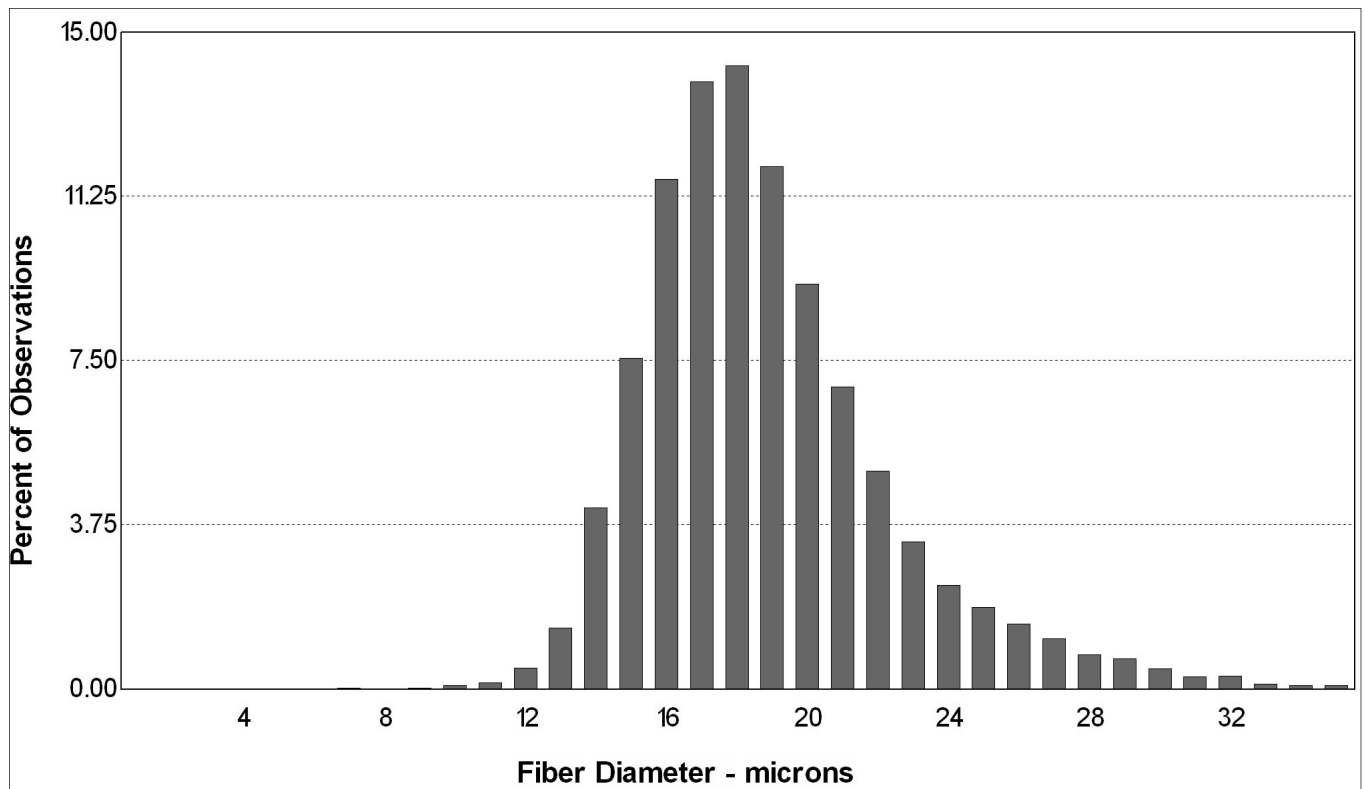
Date: 08/07/18
Shear ID: 173745
Test No: 965856

Animal and Sample Description

Animal Name:	ELK Matrix's Invincible	Date of Birth (Age):	10/19/12
ARI #:	32678185	Sample Location:	Side
Breed:	Alpaca(Huacaya)	Sample Date:	05/26/18
Sex:	Male	Previous Shear Date:	06/04/17
Color:	Med Fawn	Total Fleece Wt (lbs):	9.00

Laboratory Data

Mean Fiber Diameter:	19.0 microns	Mean Staple Length:	71.2 mm
Standard Deviation:	4.0 microns	Length Standard Deviation:	8.4 mm
Coefficient of Variation:	21.2 %	Length Coefficient of Variation:	11.7 %
Spin Fineness:	18.5 microns	Mean Curvature:	52.8 deg/mm
Fibers Greater Than 30 microns:	1.3 %	SD Curvature:	26.9 deg/mm
Comfort Factor:	98.7 %		



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