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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Plum Creek Alpacas/Brian B. Smith
8260 Plum Creek Way
Prescott Valley AZ 86315-9260 USA

Date: 07/22/19
Shear ID: 184569
Test No: 976868

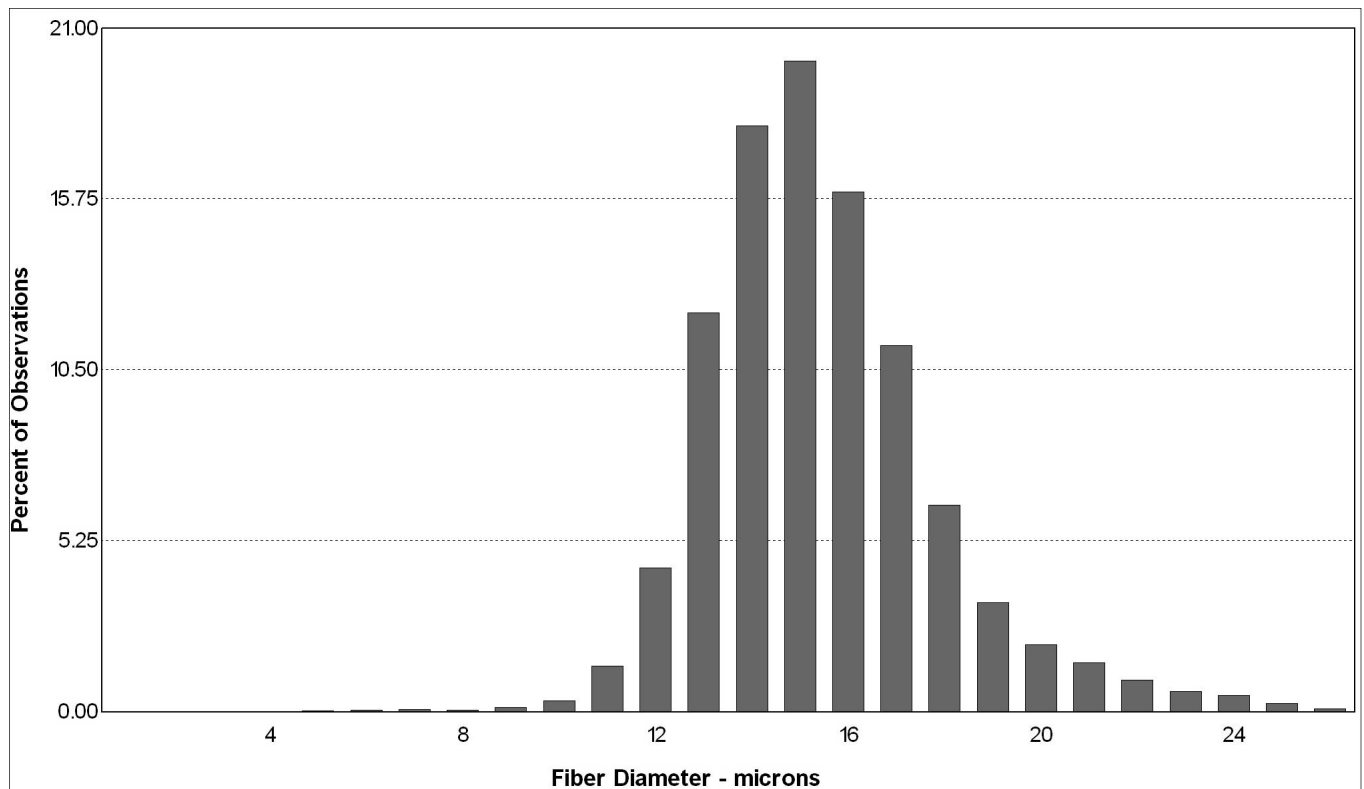
Animal and Sample Description

Animal Name: Plum Creek's Sir Winston
ARI #: 35466789
Breed: Alpaca(Huacaya)
Sex: Male
Color: Lt Fawn

Date of Birth (Age): 10/01/18
Sample Location: Side
Sample Date: 04/17/19
Previous Shear Date: XX/XX/XX
Total Fleece Wt (lbs): 2.50

Laboratory Data

Mean Fiber Diameter:	15.5 microns	Mean Staple Length:	79.6 mm
Standard Deviation:	2.8 microns	Length Standard Deviation:	5.2 mm
Coefficient of Variation:	17.7 %	Length Coefficient of Variation:	6.6 %
Spin Fineness:	14.7 microns	Mean Curvature:	50.0 deg/mm
Fibers Greater Than 30 microns:	0.3 %	SD Curvature:	25.7 deg/mm
Comfort Factor:	99.7 %		



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