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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: 184565
Test No: 976859

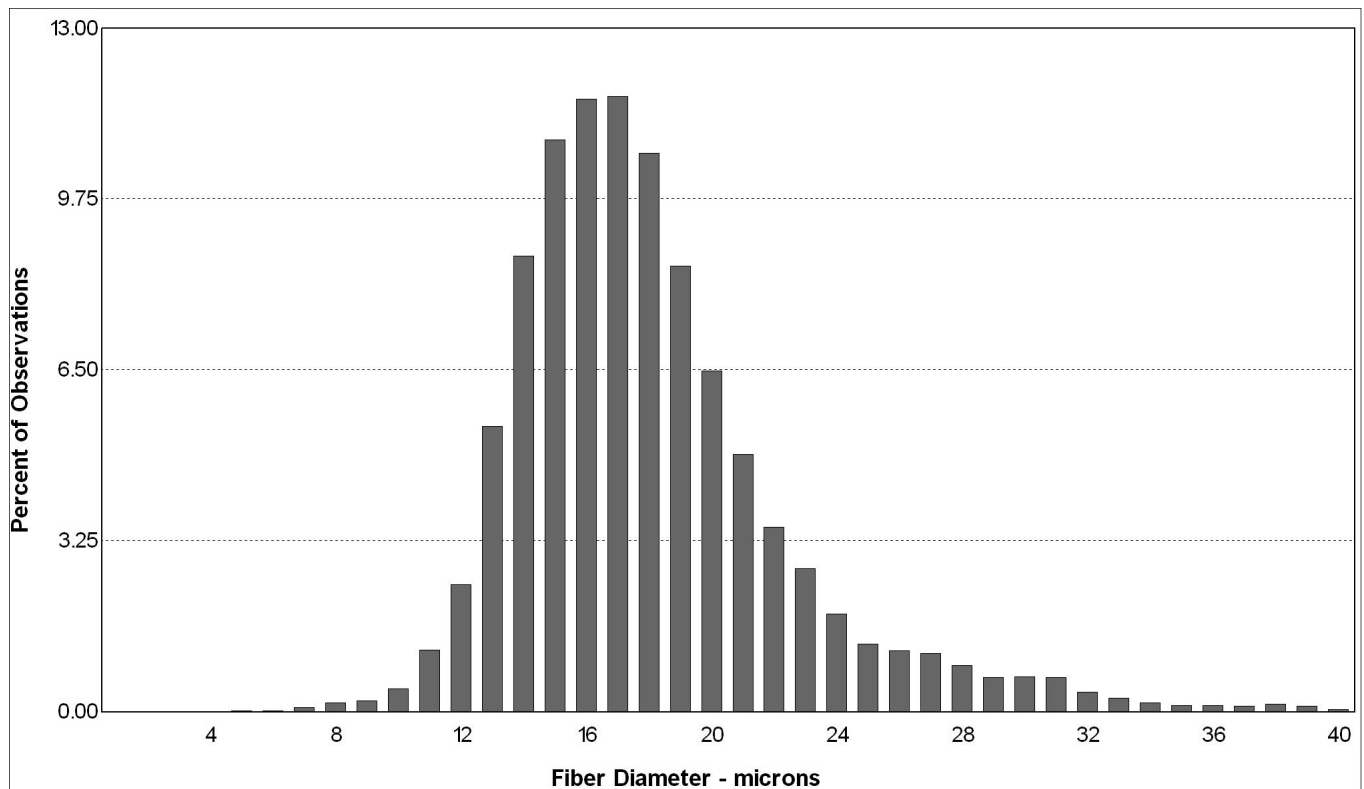
Animal and Sample Description

Animal Name: Plum Creek's Penelope Rose
ARI #: 35400776
Breed: Alpaca(Huacaya)
Sex: Female
Color: Dark Brown

Date of Birth (Age): 10/20/18
Sample Location: Side
Sample Date: 04/17/19
Previous Shear Date: XX/XX/XX
Total Fleece Wt (lbs): 2.00

Laboratory Data

Mean Fiber Diameter:	18.3 microns	Mean Staple Length:	83.8 mm
Standard Deviation:	5.4 microns	Length Standard Deviation:	2.8 mm
Coefficient of Variation:	29.7 %	Length Coefficient of Variation:	3.3 %
Spin Fineness:	19.3 microns	Mean Curvature:	26.5 deg/mm
Fibers Greater Than 30 microns:	2.9 %	SD Curvature:	20.9 deg/mm
Comfort Factor:	97.1 %		



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