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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Gates Alpaca Ranch/Andrew & Kristina Gates
48531 Russia Road
Amherst OH 44001 USA

Date: 07/22/17
Shear ID: 144071
Test No: 945625

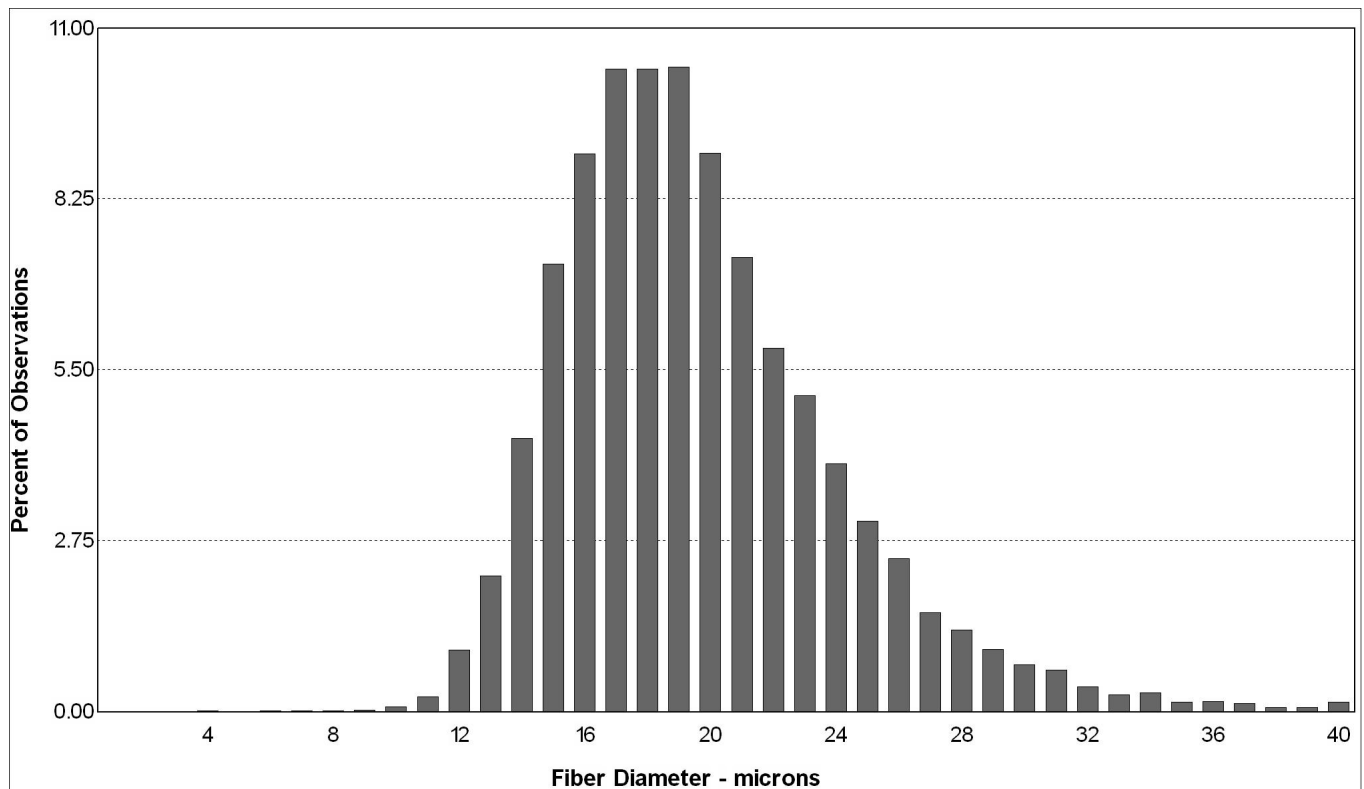
Animal and Sample Description

Animal Name: G8S Admiral's Peruvian Penelope
ARI #: 32459791
Breed: Alpaca(Huacaya)
Sex: Female
Color: Dark Fawn

Date of Birth (Age): 04/29/14
Sample Location: Side
Sample Date: 05/16/17
Previous Shear Date: 05/14/16
Total Fleece Wt (lbs): 6.80

Laboratory Data

Mean Fiber Diameter:	19.9 microns	Mean Staple Length:	92.0 mm
Standard Deviation:	5.1 microns	Length Standard Deviation:	3.3 mm
Coefficient of Variation:	25.7 %	Length Coefficient of Variation:	3.6 %
Spin Fineness:	20.2 microns	Mean Curvature:	42.4 deg/mm
Fibers Greater Than 30 microns:	3.4 %	SD Curvature:	27.5 deg/mm
Comfort Factor:	96.6 %		



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