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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: 144062
Test No: 945628

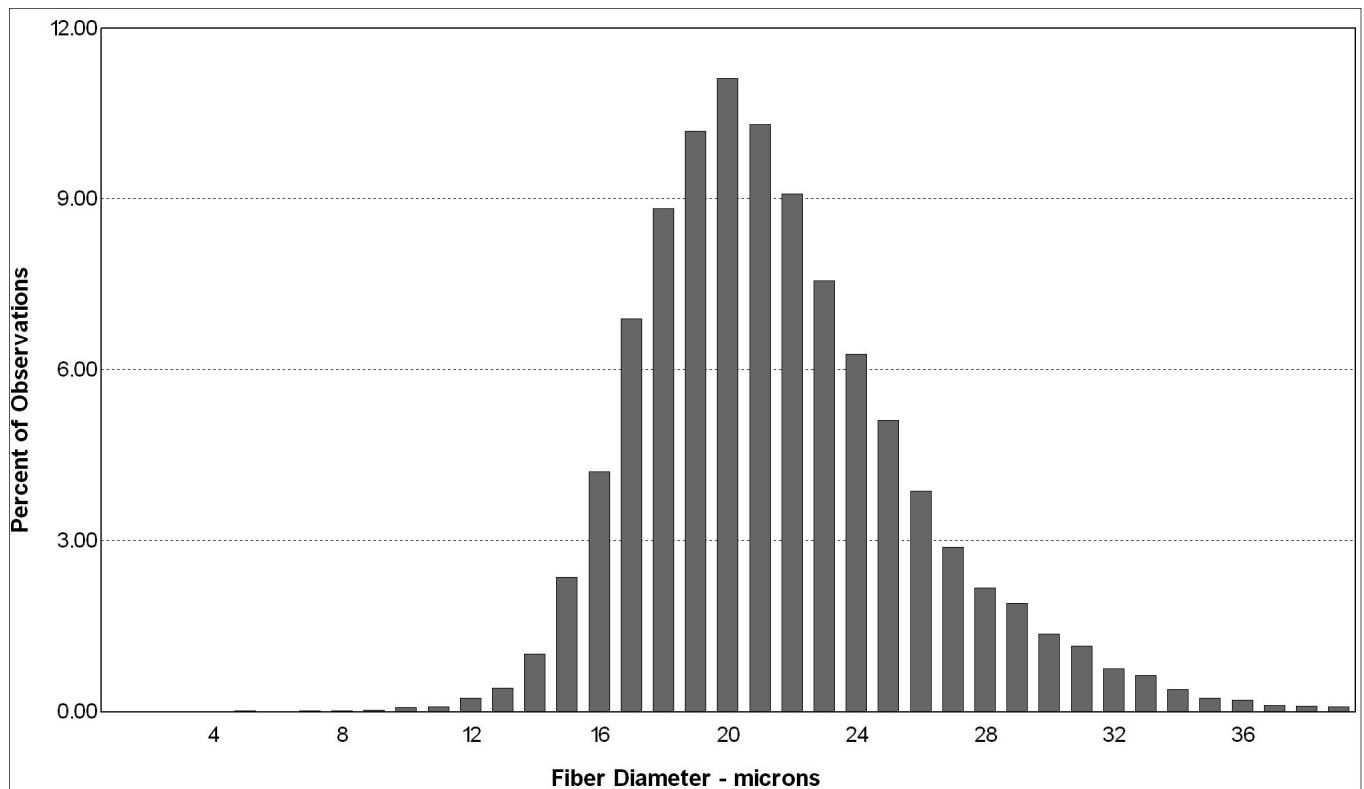
Animal and Sample Description

Animal Name: Ginger's Pumpkin Spice
ARI #: 31814270
Breed: Alpaca(Huacaya)
Sex: Female
Color: Med Brown

Date of Birth (Age): 10/31/10
Sample Location: Side
Sample Date: 05/16/17
Previous Shear Date: 05/14/16
Total Fleece Wt (lbs): 5.40

Laboratory Data

Mean Fiber Diameter:	21.6 microns	Mean Staple Length:	70.8 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	1.9 mm
Coefficient of Variation:	20.4 %	Length Coefficient of Variation:	2.7 %
Spin Fineness:	20.9 microns	Mean Curvature:	33.7 deg/mm
Fibers Greater Than 30 microns:	4.0 %	SD Curvature:	21.1 deg/mm
Comfort Factor:	96.0 %		



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