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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

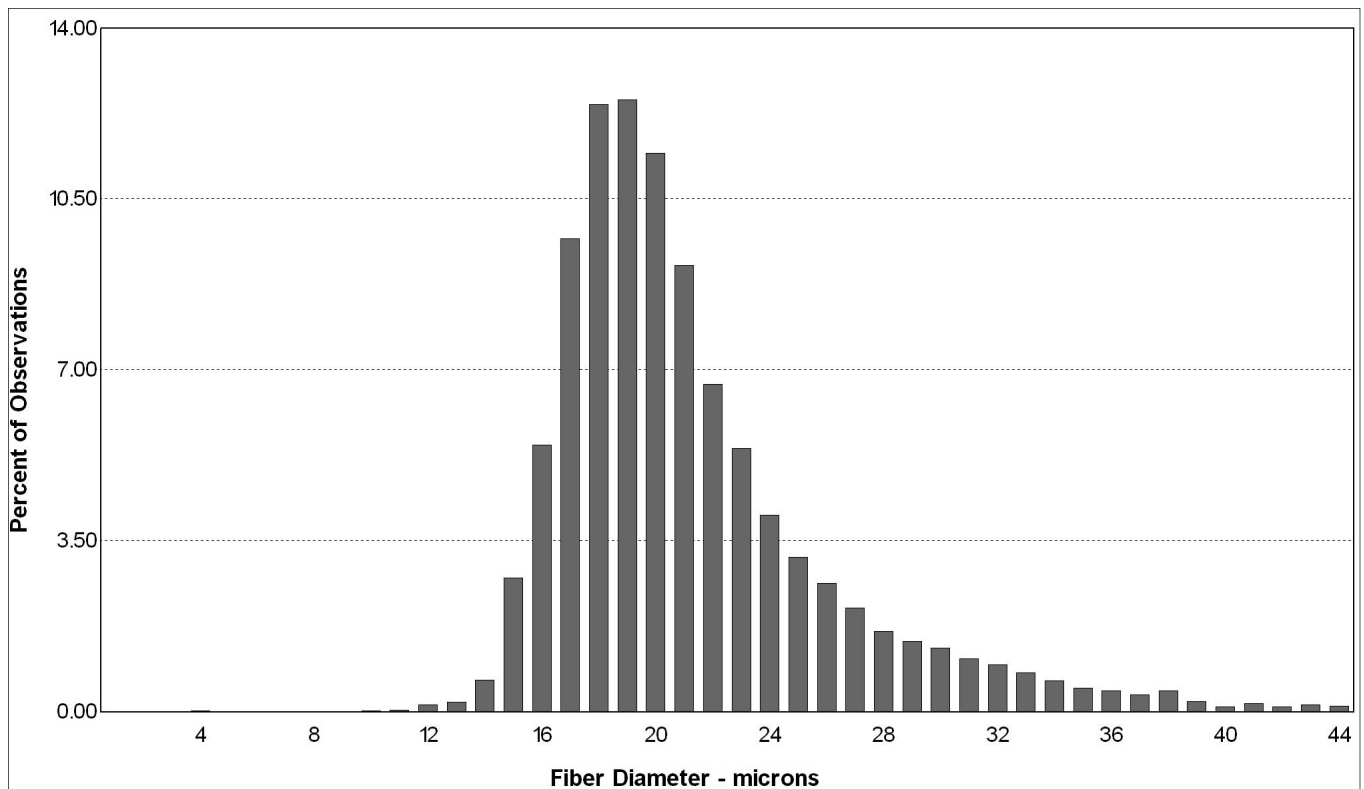
Date: 07/22/17
Shear ID: 144064
Test No: 945636

Animal and Sample Description

Animal Name: Admiral's Bronze Star of RDWD	Date of Birth (Age): 05/20/08
ARI #: 30911956	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/16/17
Sex: Female	Previous Shear Date: 05/14/16
Color: Med Brown	Total Fleece Wt (lbs): 4.80

Laboratory Data

Mean Fiber Diameter: 21.5 microns	Mean Staple Length: 67.6 mm
Standard Deviation: 5.8 microns	Length Standard Deviation: 4.2 mm
Coefficient of Variation: 27.0 %	Length Coefficient of Variation: 6.2 %
Spin Fineness: 22.2 microns	Mean Curvature: 37.9 deg/mm
Fibers Greater Than 30 microns: 7.1 %	SD Curvature: 25.0 deg/mm
Comfort Factor: 92.9 %	



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