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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: 144067
Test No: 945623

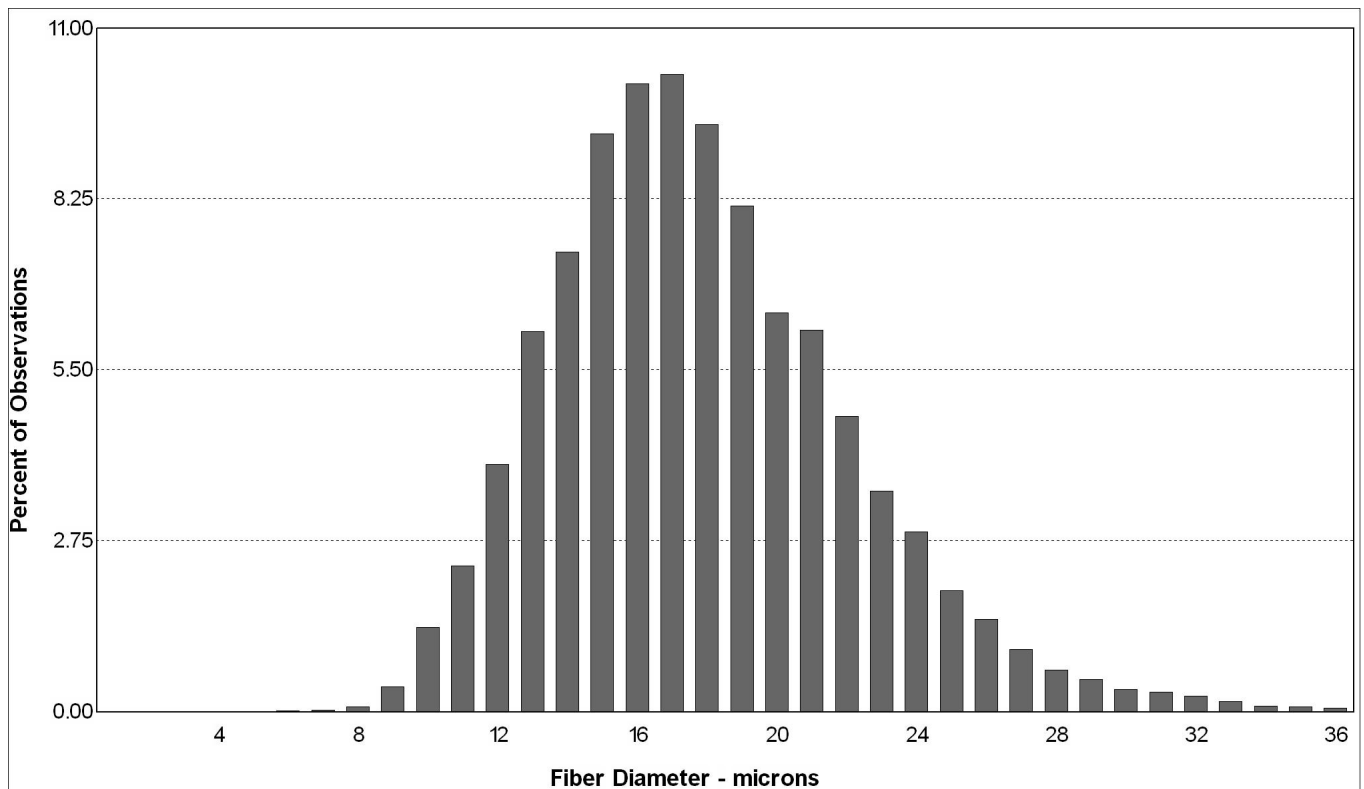
Animal and Sample Description

Animal Name: Sir Laurence of Mayhem
ARI #: 32186550
Breed: Alpaca(Huacaya)
Sex: Male
Color: Dark Brown

Date of Birth (Age): 05/18/12
Sample Location: Side
Sample Date: 05/16/17
Previous Shear Date: 05/14/16
Total Fleece Wt (lbs): 6.20

Laboratory Data

Mean Fiber Diameter:	17.9 microns	Mean Staple Length:	85.0 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	6.6 mm
Coefficient of Variation:	25.2 %	Length Coefficient of Variation:	7.8 %
Spin Fineness:	18.1 microns	Mean Curvature:	42.2 deg/mm
Fibers Greater Than 30 microns:	1.3 %	SD Curvature:	29.7 deg/mm
Comfort Factor:	98.7 %		



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