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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Fern Creek Farm, LLC/Jackie King
6 Clermont Ln
Saint Louis MO 63124-1304 USA

Date: 09/03/19
Shear ID: 191268
Test No: 981499

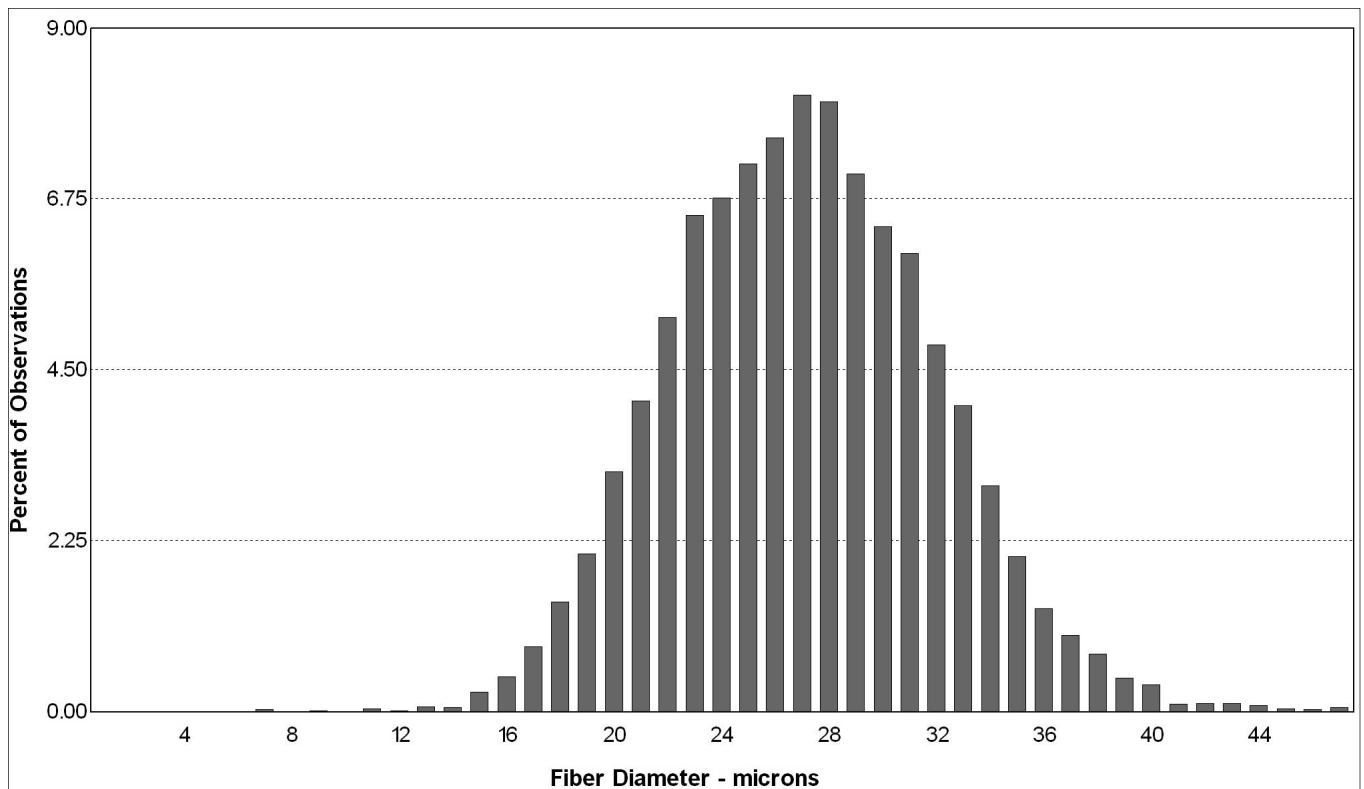
Animal and Sample Description

Animal Name: Prince Charming of Harmony
ARI #: 35082323
Breed: Alpaca(Suri)
Sex: Male
Color: Dark Fawn

Date of Birth (Age): 09/02/16
Sample Location: Side
Sample Date: 05/15/19
Previous Shear Date: 05/21/18
Total Fleece Wt (lbs): 4.40

Laboratory Data

Mean Fiber Diameter:	27.2 microns	Mean Staple Length:	160.0 mm
Standard Deviation:	5.1 microns	Length Standard Deviation:	1.6 mm
Coefficient of Variation:	18.9 %	Length Coefficient of Variation:	1.0 %
Spin Fineness:	26.0 microns	Mean Curvature:	11.8 deg/mm
Fibers Greater Than 30 microns:	24.6 %	SD Curvature:	19.9 deg/mm
Comfort Factor:	75.4 %		



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