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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Sixth Day Farms East/Wayne Jarvis
895 W Sweden Rd
Brockport NY 14420-9643 USA

Date: 06/22/17
Shear ID: 143031
Test No: 944168

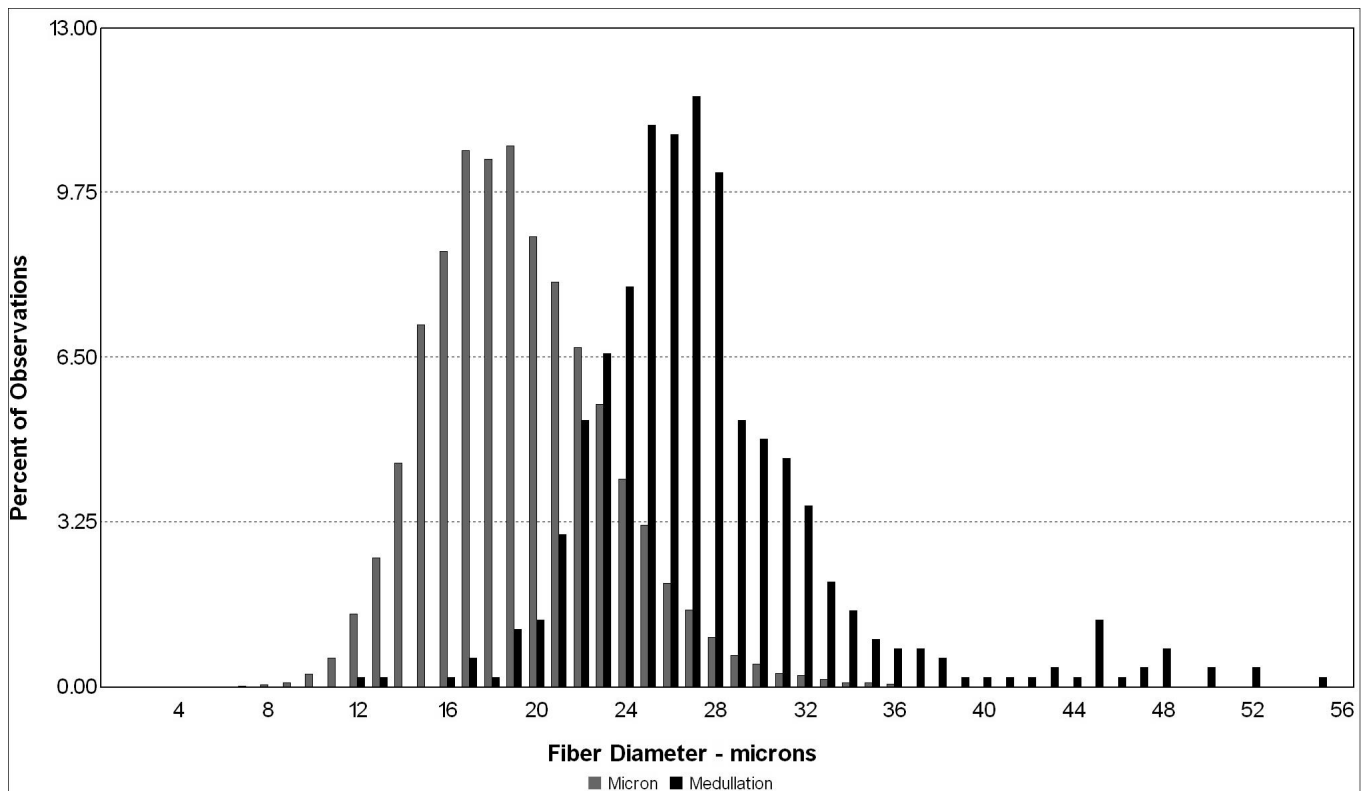
Animal and Sample Description

Animal Name: Sixth Day Liberty's Starphire
ARI #: 32570526
Breed: Alpaca(Huacaya)
Sex: Female
Color: White

Date of Birth (Age): 09/21/14
Sample Location: Side
Sample Date: 05/08/17
Previous Shear Date: 05/14/16
Total Fleece Wt (lbs): 6.75

Laboratory Data

Mean Fiber Diameter:	19.3 microns	Mean Staple Length:	122.0 mm
Standard Deviation:	4.2 microns	Length Standard Deviation:	1.4 mm
Coefficient of Variation:	21.7 %	Length Coefficient of Variation:	1.2 %
Spin Fineness:	18.9 microns	Mean Curvature:	50.1 deg/mm
Fibers Greater Than 30 microns:	1.2 %	SD Curvature:	28.4 deg/mm
Comfort Factor:	98.8 %	Medullated Fibers:	5.0 %



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