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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Hasselbring's Harmony Ranch/Patty Hasselbring
29049 Davis Road
Concordia MO 64020 USA

Date: 08/11/17
Shear ID: 145102
Test No: 946843

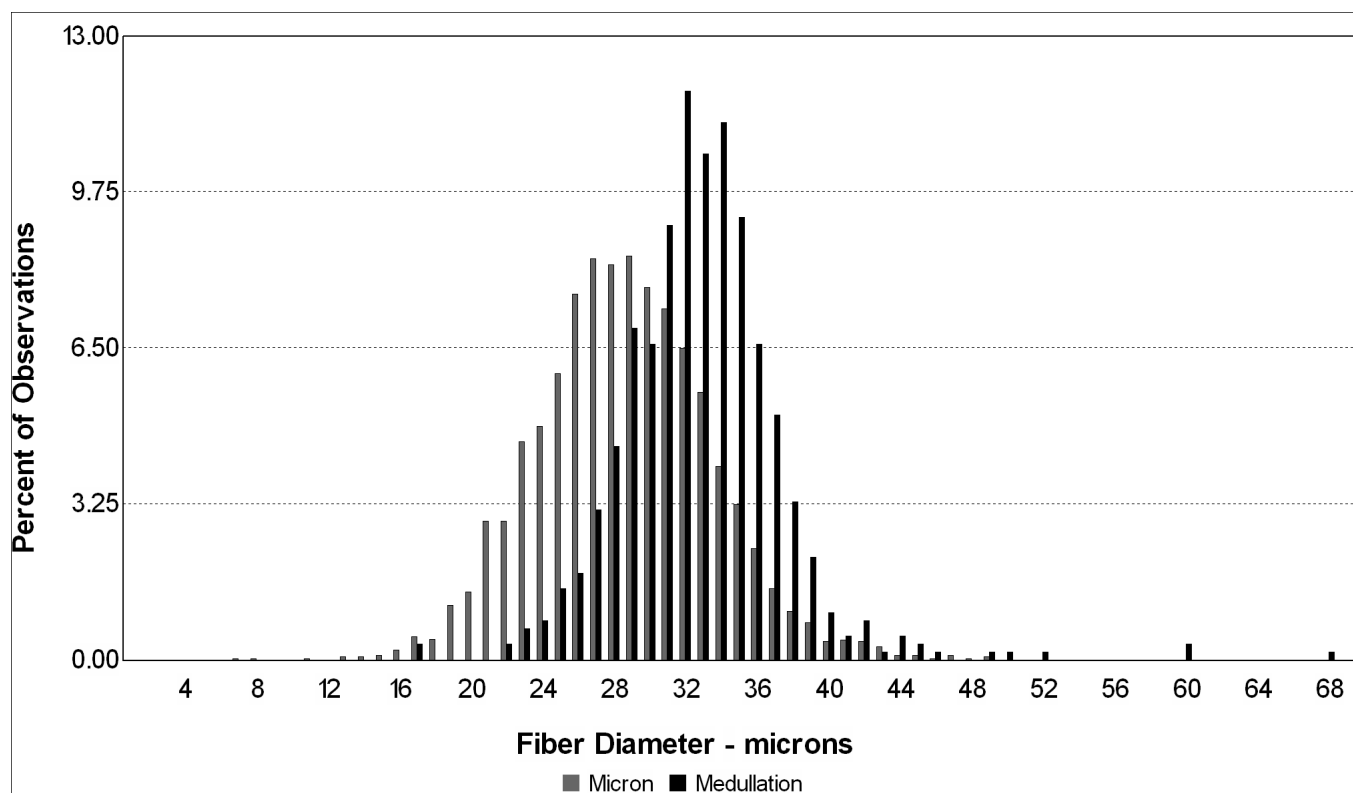
Animal and Sample Description

Animal Name: SPAR's Nepenthe
ARI #: 31875493
Breed: Alpaca(Suri)
Sex: Female
Color: Beige

Date of Birth (Age): 04/08/10
Sample Location: Side
Sample Date: 05/19/17
Previous Shear Date: 05/17/16
Total Fleece Wt (lbs): 3.40

Laboratory Data

Mean Fiber Diameter:	28.7 microns	Mean Staple Length:	120.8 mm
Standard Deviation:	5.1 microns	Length Standard Deviation:	3.6 mm
Coefficient of Variation:	17.8 %	Length Coefficient of Variation:	3.0 %
Spin Fineness:	27.2 microns	Mean Curvature:	8.5 deg/mm
Fibers Greater Than 30 microns:	34.4 %	SD Curvature:	10.1 deg/mm
Comfort Factor:	65.6 %	Medullated Fibers:	13.9 %



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