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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Buck Brook Alpacas Inc/Kara McElroy
39 Bestenheider
Roscoe NY 12776

Date: 07/11/14
Shear ID: 76969
Test No: 480714

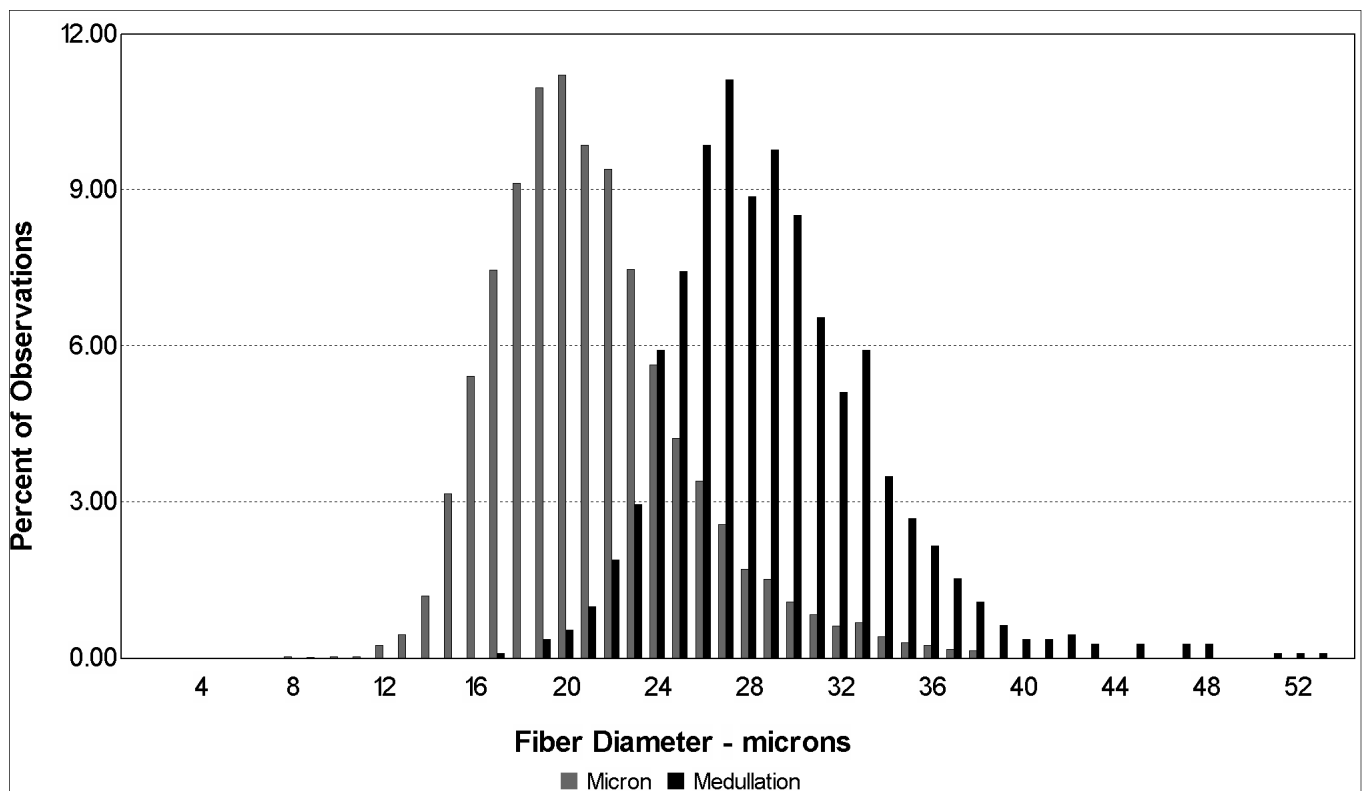
Animal and Sample Description

Animal Name: NaturesReserve Ivory's Quest
ARI #: 32130119
Breed: Alpaca(Huacaya)
Sex: Female
Color: Beige

Date of Birth (Age): 05/19/12
Sample Location: Side
Sample Date: 05/22/14
Previous Shear Date: 05/05/13
Total Fleece Wt (lbs): 5.50

Laboratory Data

Mean Fiber Diameter:	21.2 microns	Mean Staple Length:	100.4 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	4.2 mm
Coefficient of Variation:	20.8 %	Length Coefficient of Variation:	4.1 %
Spin Fineness:	20.6 microns	Mean Curvature:	45.3 deg/mm
Fibers Greater Than 30 microns:	3.8 %	SD Curvature:	24.3 deg/mm
Comfort Factor:	96.2 %	Medullated Fibers:	10.8 %



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