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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

North Plains Alpacas/Tim & Eldonna Graber
18735 NW Dixie Mountain Rd
North Plains OR 97133 USA

Date: 09/19/17
Shear ID: 151446
Test No: 951760

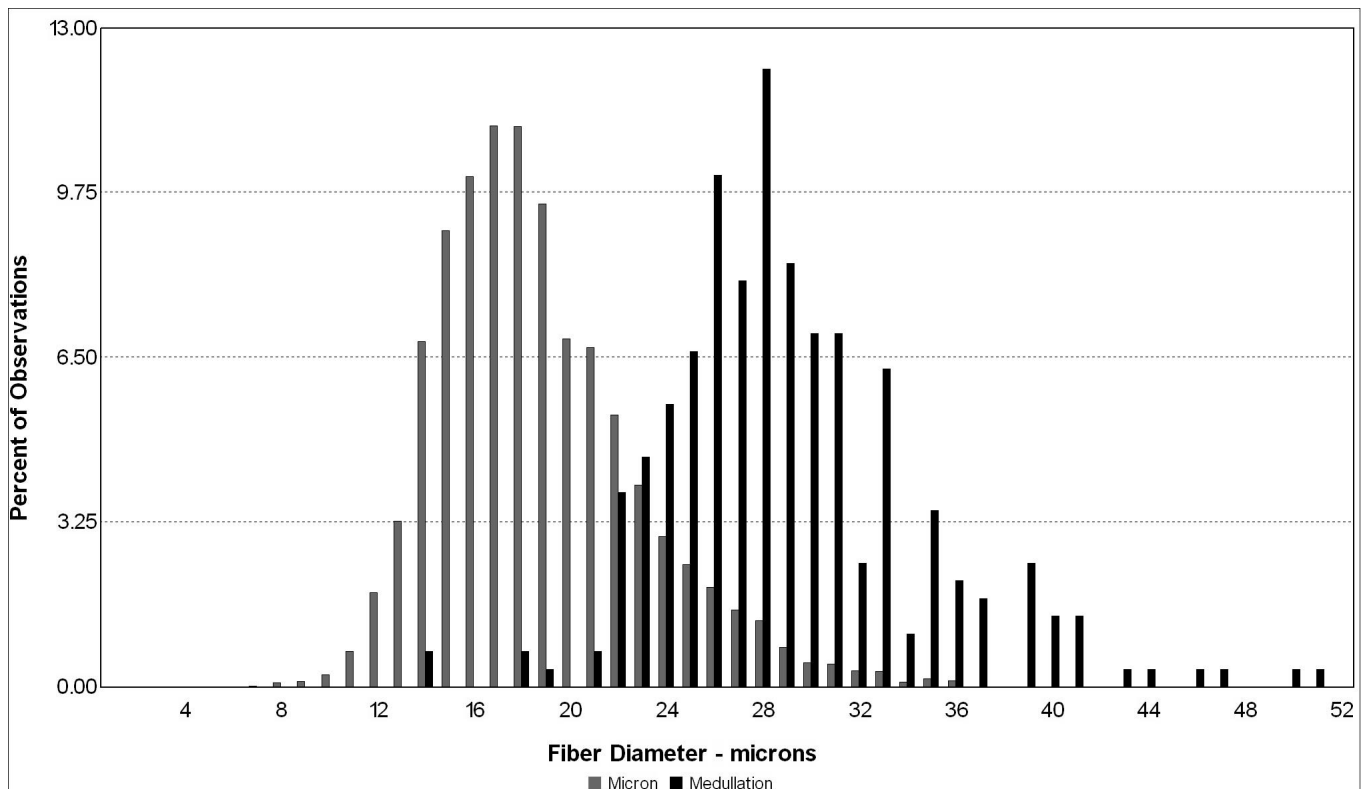
Animal and Sample Description

Animal Name: NPA Peruvian Melody Suave
ARI #: 32422153
Breed: Alpaca(Huacaya)
Sex: Female
Color: White

Date of Birth (Age): 07/24/12
Sample Location: Side
Sample Date: 04/22/17
Previous Shear Date: 04/30/16
Total Fleece Wt (lbs): 6.70

Laboratory Data

Mean Fiber Diameter:	18.9 microns	Mean Staple Length:	84.8 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	4.2 mm
Coefficient of Variation:	23.5 %	Length Coefficient of Variation:	5.0 %
Spin Fineness:	18.8 microns	Mean Curvature:	41.5 deg/mm
Fibers Greater Than 30 microns:	1.9 %	SD Curvature:	23.6 deg/mm
Comfort Factor:	98.1 %	Medullated Fibers:	3.8 %



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