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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: 151427
Test No: 951744

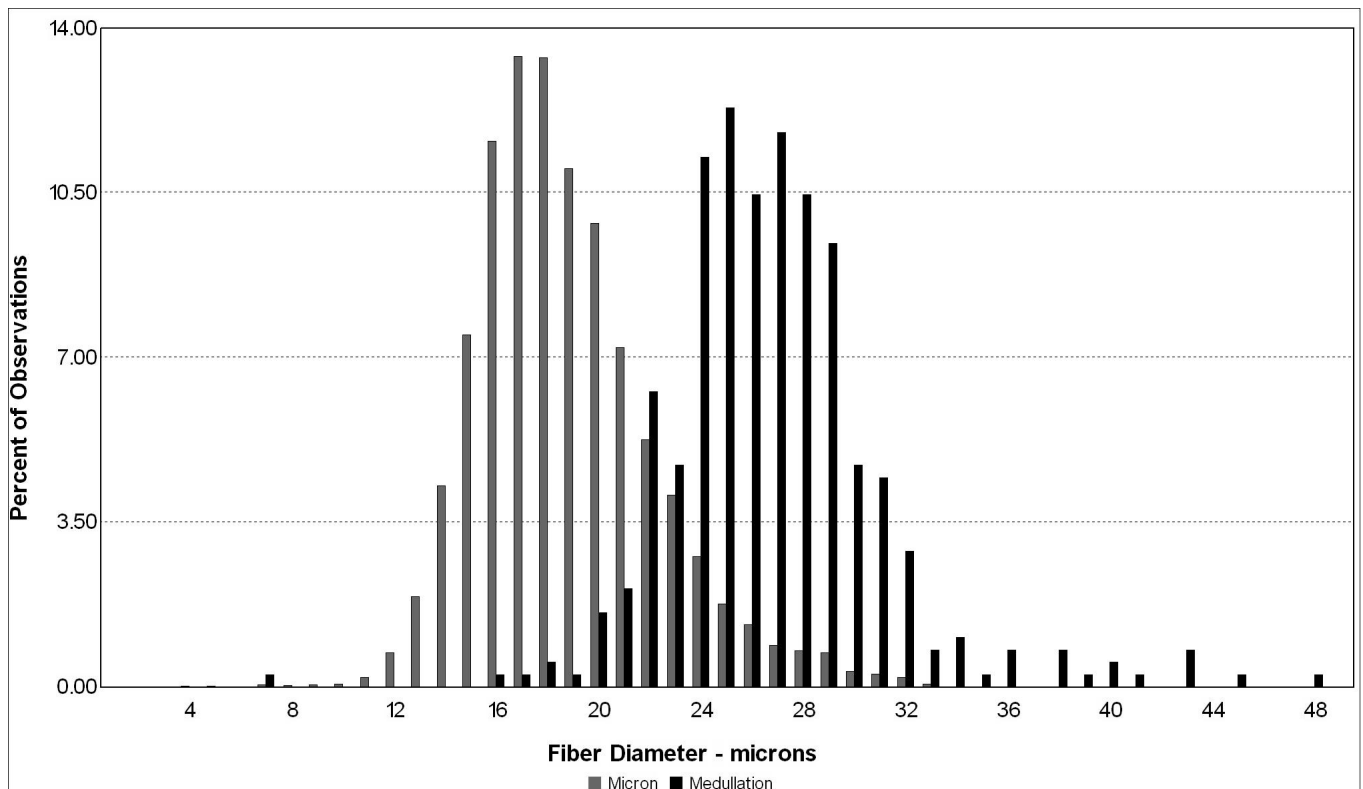
Animal and Sample Description

Animal Name: NPA Peruvian Symphony
ARI #: 35181828
Breed: Alpaca(Huacaya)
Sex: Female
Color: White

Date of Birth (Age): 08/17/15
Sample Location: Side
Sample Date: 04/15/17
Previous Shear Date: 04/09/16
Total Fleece Wt (lbs): 5.00

Laboratory Data

Mean Fiber Diameter:	18.8 microns	Mean Staple Length:	93.2 mm
Standard Deviation:	3.7 microns	Length Standard Deviation:	3.6 mm
Coefficient of Variation:	19.5 %	Length Coefficient of Variation:	3.9 %
Spin Fineness:	18.1 microns	Mean Curvature:	41.4 deg/mm
Fibers Greater Than 30 microns:	0.9 %	SD Curvature:	23.2 deg/mm
Comfort Factor:	99.1 %	Medullated Fibers:	4.6 %



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