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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: 151411
Test No: 951719

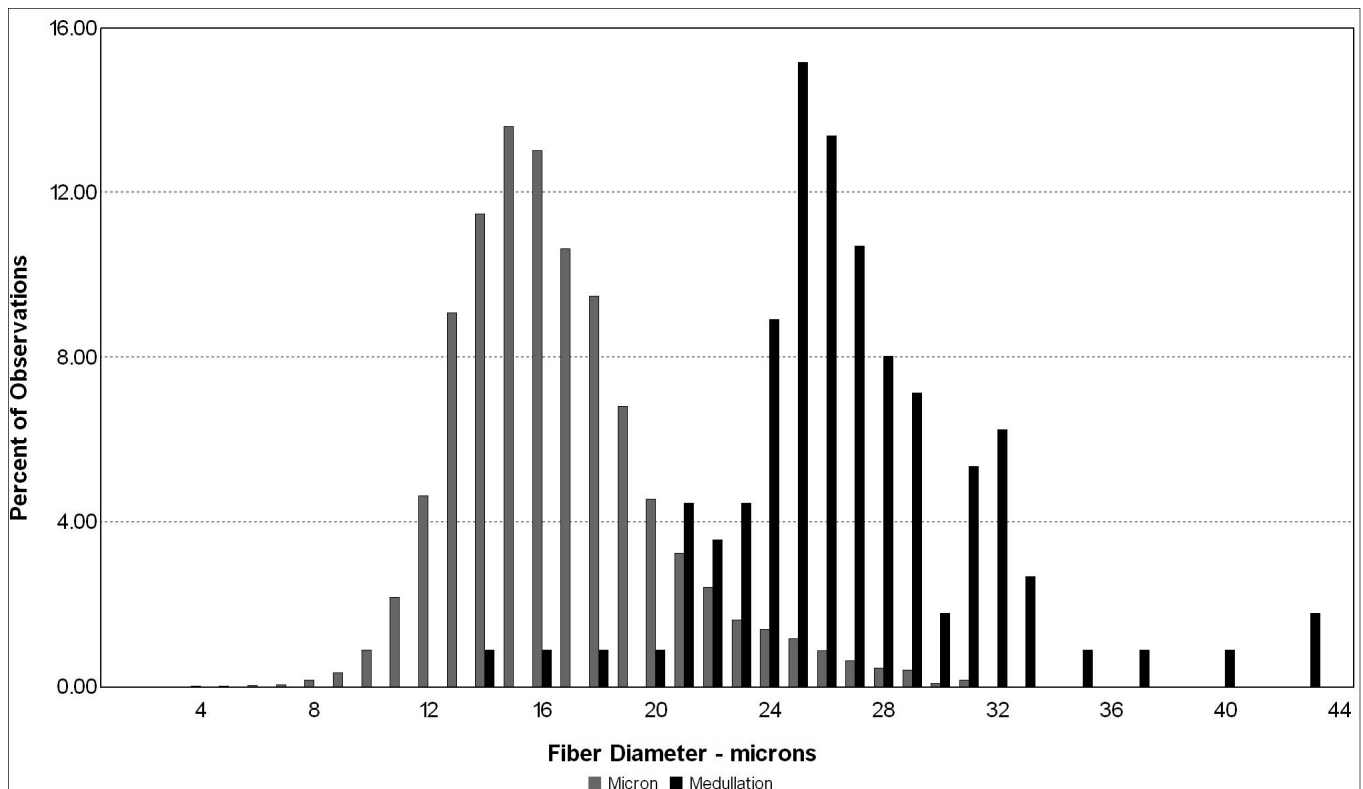
Animal and Sample Description

Animal Name: NPA Peruvian Micro
ARI #: 35028031
Breed: Alpaca(Huacaya)
Sex: Male
Color: White

Date of Birth (Age): 07/22/12
Sample Location: Side
Sample Date: 05/20/17
Previous Shear Date: 04/23/16
Total Fleece Wt (lbs): 5.30

Laboratory Data

Mean Fiber Diameter:	16.7 microns	Mean Staple Length:	83.8 mm
Standard Deviation:	3.8 microns	Length Standard Deviation:	4.1 mm
Coefficient of Variation:	22.8 %	Length Coefficient of Variation:	4.9 %
Spin Fineness:	16.5 microns	Mean Curvature:	54.0 deg/mm
Fibers Greater Than 30 microns:	0.6 %	SD Curvature:	30.1 deg/mm
Comfort Factor:	99.4 %	Medullated Fibers:	2.0 %



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