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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: 151409
Test No: 951736

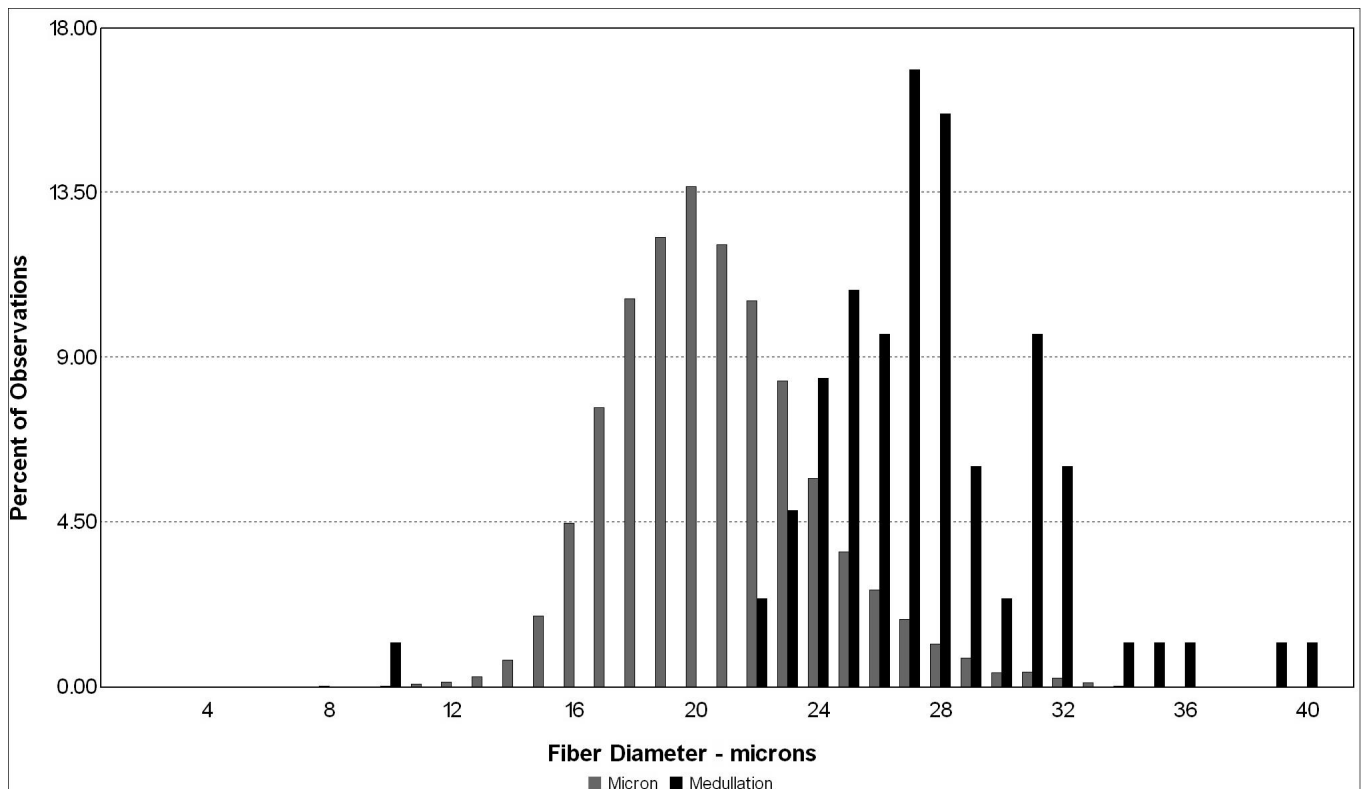
Animal and Sample Description

Animal Name: NPA Margo
ARI #: 35028215
Breed: Alpaca(Huacaya)
Sex: Female
Color: White

Date of Birth (Age): 05/06/14
Sample Location: Side
Sample Date: 06/18/17
Previous Shear Date: 05/11/16
Total Fleece Wt (lbs): 8.30

Laboratory Data

Mean Fiber Diameter:	20.7 microns	Mean Staple Length:	120.4 mm
Standard Deviation:	3.3 microns	Length Standard Deviation:	1.7 mm
Coefficient of Variation:	16.1 %	Length Coefficient of Variation:	1.4 %
Spin Fineness:	19.4 microns	Mean Curvature:	41.0 deg/mm
Fibers Greater Than 30 microns:	0.9 %	SD Curvature:	22.5 deg/mm
Comfort Factor:	99.1 %	Medullated Fibers:	1.1 %



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