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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: 151491
Test No: 951700

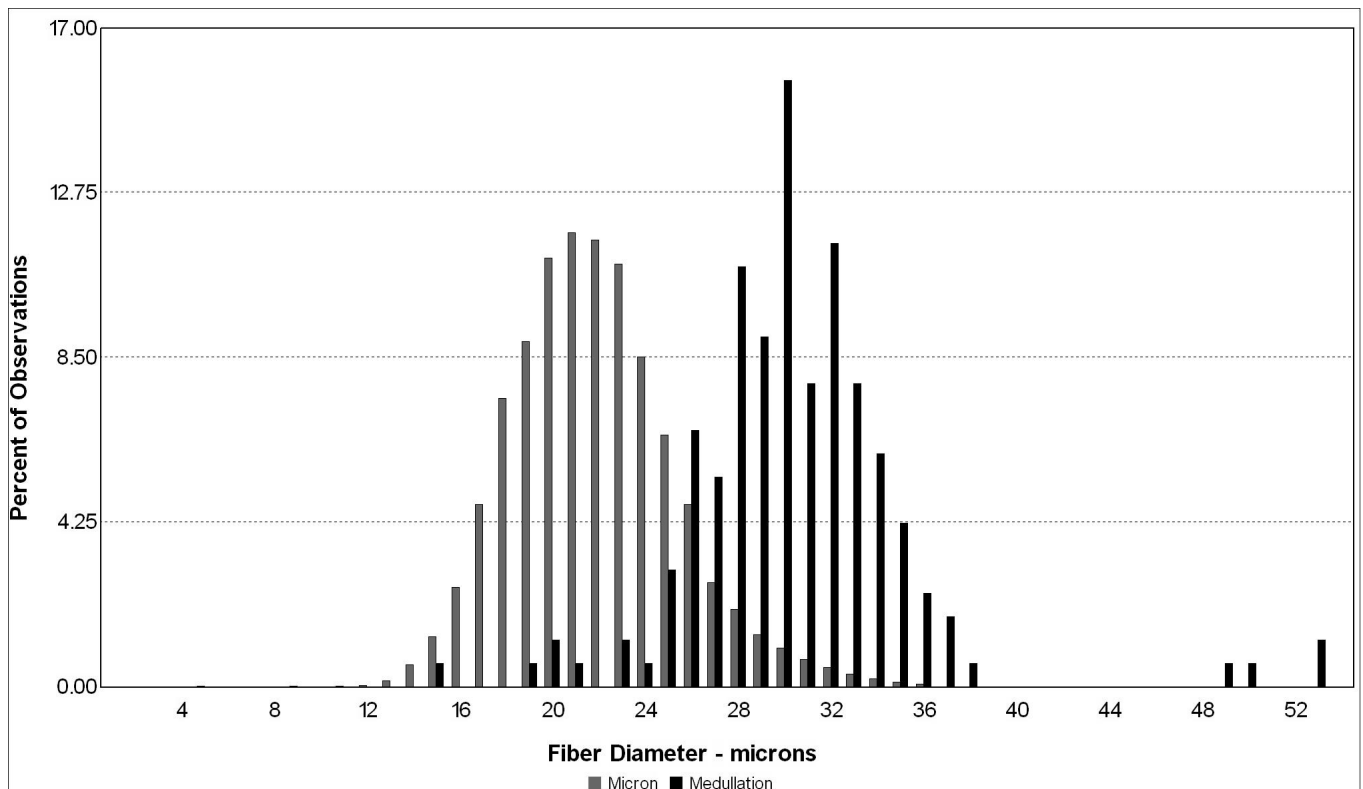
Animal and Sample Description

Animal Name: R Creek's Elegant Moonlight
ARI #: 35201991
Breed: Alpaca(Huacaya)
Sex: Female
Color: White

Date of Birth (Age): 05/17/15
Sample Location: Side
Sample Date: 05/28/17
Previous Shear Date: 05/18/16
Total Fleece Wt (lbs): 6.70

Laboratory Data

Mean Fiber Diameter:	21.9 microns	Mean Staple Length:	108.0 mm
Standard Deviation:	3.8 microns	Length Standard Deviation:	5.2 mm
Coefficient of Variation:	17.1 %	Length Coefficient of Variation:	4.8 %
Spin Fineness:	20.7 microns	Mean Curvature:	36.9 deg/mm
Fibers Greater Than 30 microns:	2.3 %	SD Curvature:	20.5 deg/mm
Comfort Factor:	97.7 %	Medullated Fibers:	1.8 %



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