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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: 151404
Test No: 951734

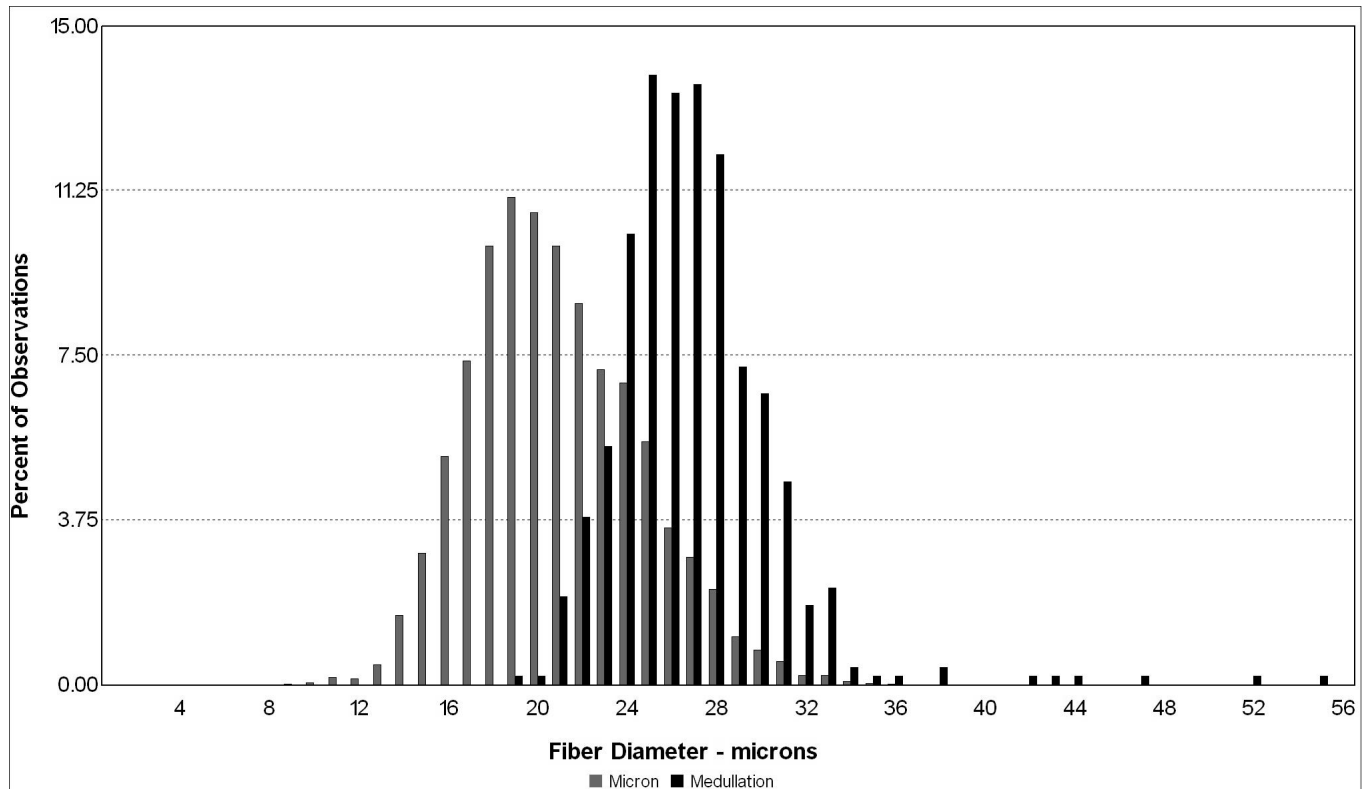
Animal and Sample Description

Animal Name: NPA Peruvian Natacha
ARI #: 32084825
Breed: Alpaca(Huacaya)
Sex: Female
Color: White

Date of Birth (Age): 07/24/14
Sample Location: Side
Sample Date: 06/11/17
Previous Shear Date: 05/13/16
Total Fleece Wt (lbs): 7.40

Laboratory Data

Mean Fiber Diameter:	21.0 microns	Mean Staple Length:	107.2 mm
Standard Deviation:	4.0 microns	Length Standard Deviation:	3.9 mm
Coefficient of Variation:	19.1 %	Length Coefficient of Variation:	3.6 %
Spin Fineness:	20.1 microns	Mean Curvature:	48.5 deg/mm
Fibers Greater Than 30 microns:	1.3 %	SD Curvature:	26.0 deg/mm
Comfort Factor:	98.7 %	Medullated Fibers:	8.6 %



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