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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Stargazer Ranch, LLC/Cynthia Fronk & John Heise
405 8th Street SE #9
Loveland CO 80537 USA

Date: 09/27/16
Shear ID: 128637
Test No: 934404

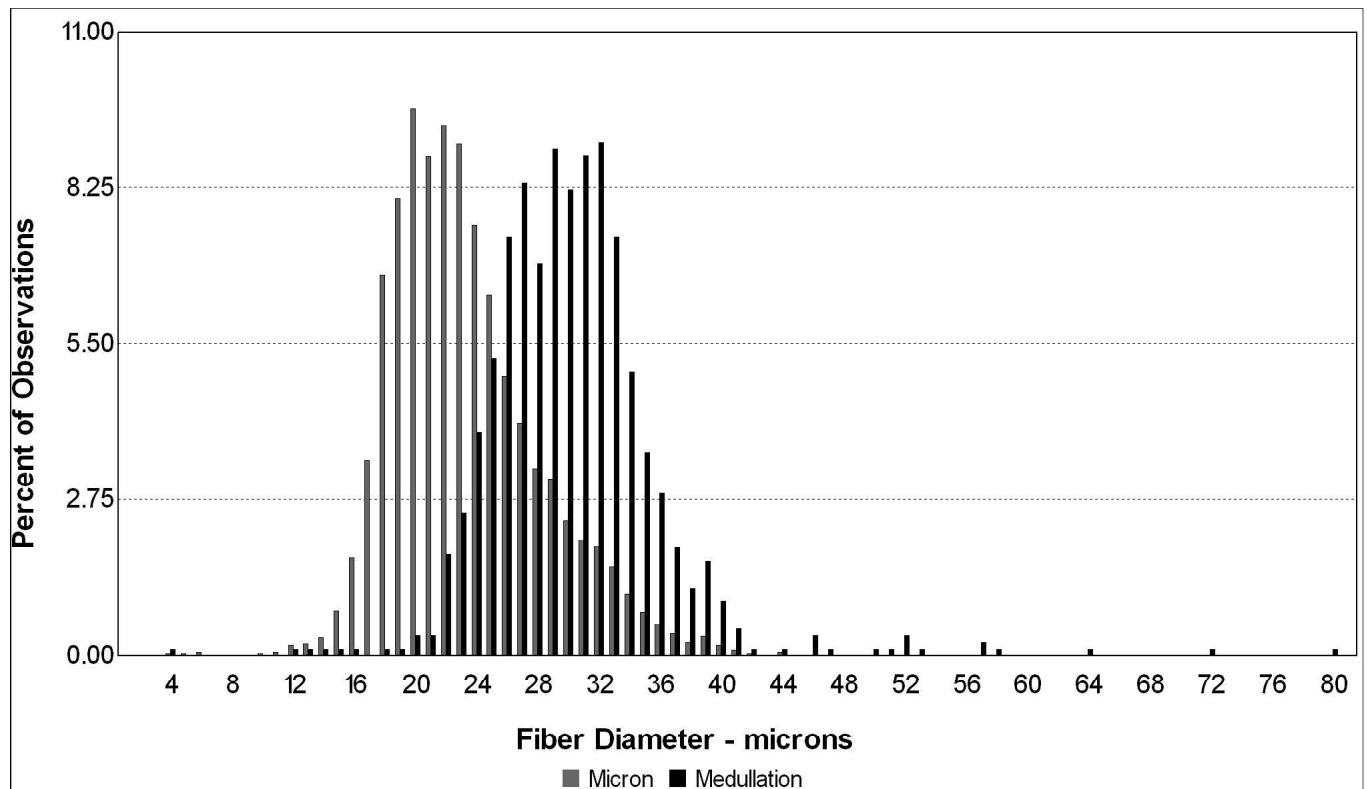
Animal and Sample Description

Animal Name: Bluegrass Peruvian Eleanor
ARI #: 30605107
Breed: Alpaca(Huacaya)
Sex: Female
Color: White

Date of Birth (Age): 09/07/06
Sample Location: Side
Sample Date: 05/23/16
Previous Shear Date: 04/26/15
Total Fleece Wt (lbs): 7.00

Laboratory Data

Mean Fiber Diameter:	23.5 microns	Mean Staple Length:	53.0 mm
Standard Deviation:	5.5 microns	Length Standard Deviation:	4.3 mm
Coefficient of Variation:	23.4 %	Length Coefficient of Variation:	8.1 %
Spin Fineness:	23.4 microns	Mean Curvature:	42.9 deg/mm
Fibers Greater Than 30 microns:	9.8 %	SD Curvature:	25.7 deg/mm
Comfort Factor:	90.2 %	Medullated Fibers:	18.0 %



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