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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Peaceful Prairie Ranch/Wendy Dittbrenner
7375 Coyote Springs Rd
Prescott Valley AZ 86315-4121

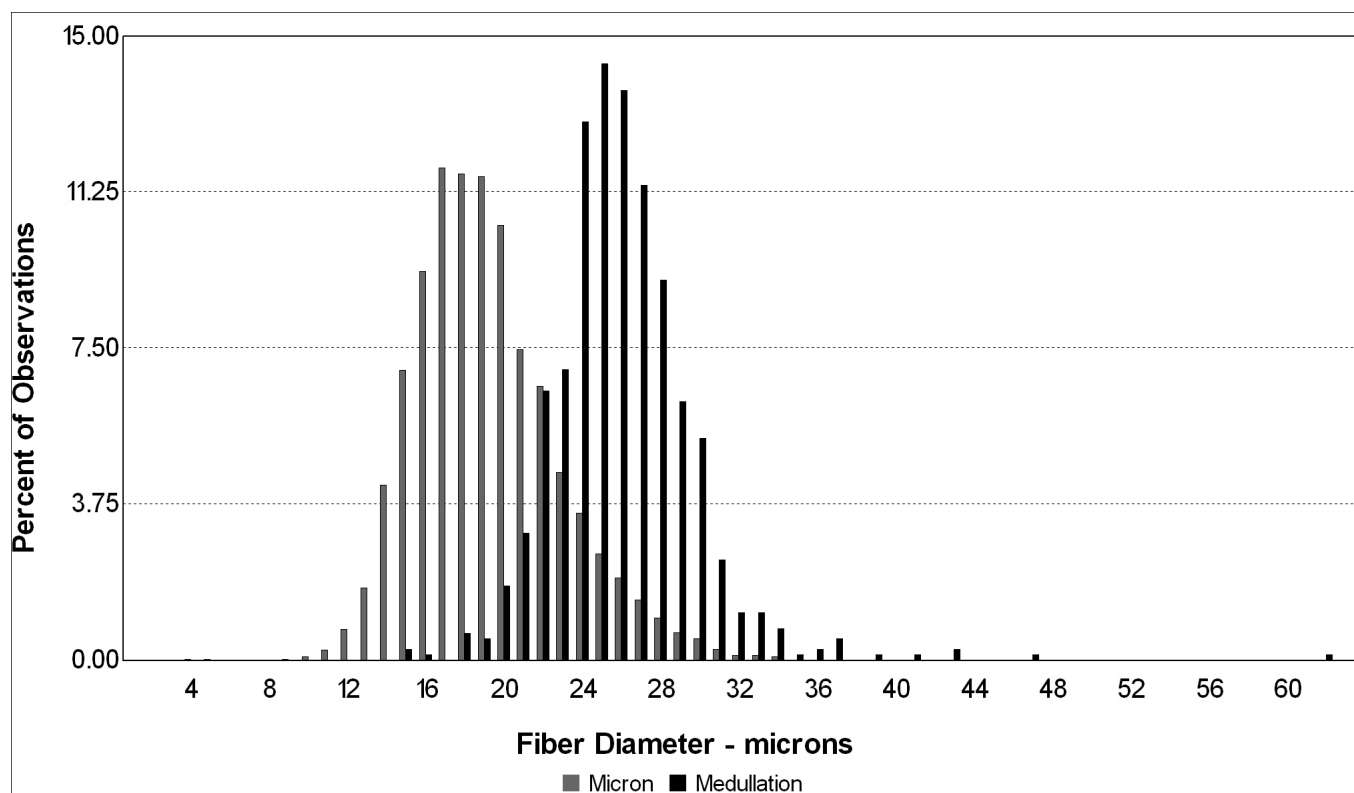
Date: 09/21/16
Shear ID: 134321
Test No: 934445

Animal and Sample Description

Animal Name: HummingHerd's Hilton	Date of Birth (Age): 03/05/09
ARI #: 31454131	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 04/20/16
Sex: Male	Previous Shear Date: 04/22/15
Color: White	Total Fleece Wt (lbs): 5.20

Laboratory Data

Mean Fiber Diameter: 19.2 microns	Mean Staple Length: 78.8 mm
Standard Deviation: 3.8 microns	Length Standard Deviation: 4.3 mm
Coefficient of Variation: 19.7 %	Length Coefficient of Variation: 5.5 %
Spin Fineness: 18.5 microns	Mean Curvature: 48.7 deg/mm
Fibers Greater Than 30 microns: 0.8 %	SD Curvature: 25.2 deg/mm
Comfort Factor: 99.2 %	Medullated Fibers: 9.2 %



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