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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Hidden Creek Alpacas/Becky Miltenberger
33347 E Punkin Center Rd
Hermiston OR 97838 USA

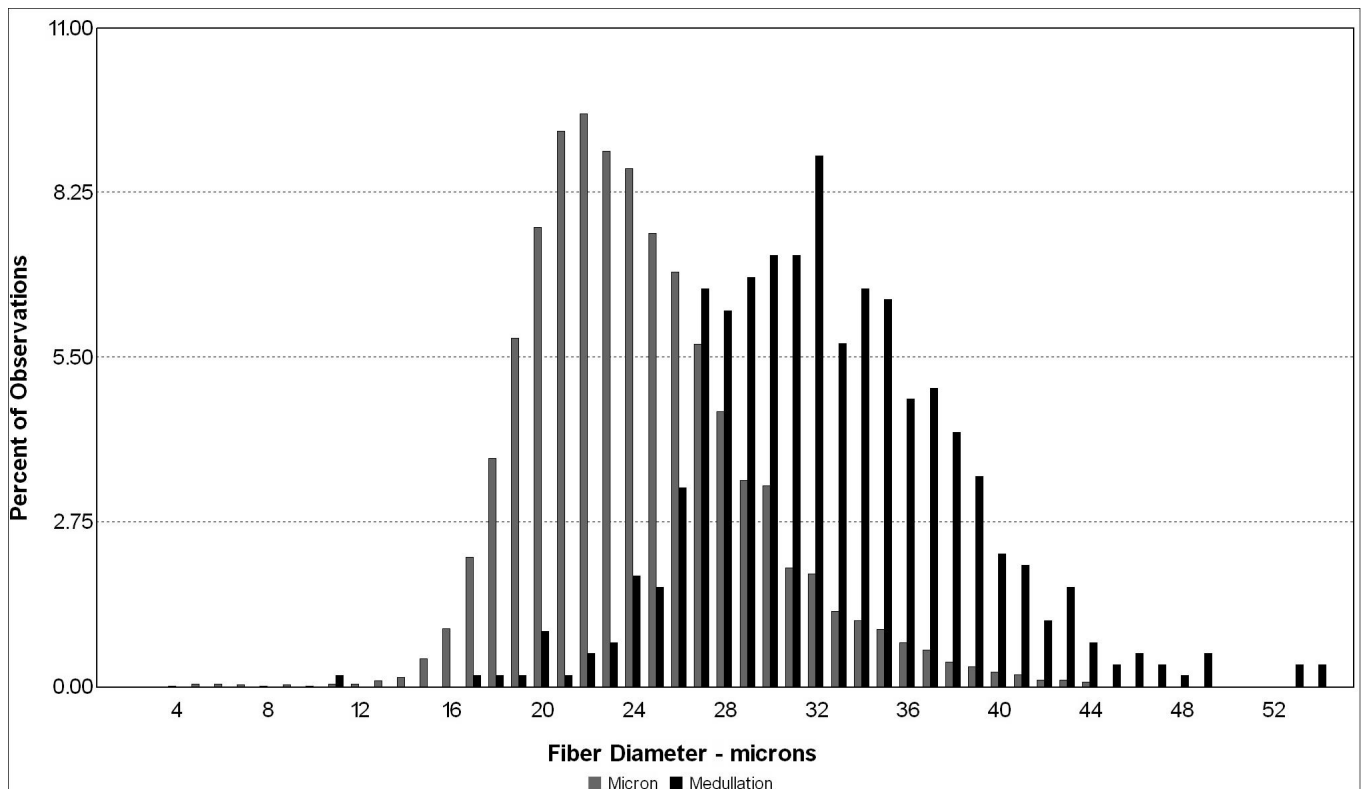
Date: 08/31/19
Shear ID: 188060
Test No: 980955

Animal and Sample Description

Animal Name: Ivory Monarch's Pearl Angel of HCA	Date of Birth (Age): 07/25/17
ARI #: 35431787	Sample Location: Side
Breed: Alpaca(Suri)	Sample Date: 05/19/19
Sex: Female	Previous Shear Date: 05/20/18
Color: White	Total Fleece Wt (lbs): 5.75

Laboratory Data

Mean Fiber Diameter: 24.3 microns	Mean Staple Length: 176.8 mm
Standard Deviation: 5.1 microns	Length Standard Deviation: 3.9 mm
Coefficient of Variation: 21.1 %	Length Coefficient of Variation: 2.2 %
Spin Fineness: 23.7 microns	Mean Curvature: 10.6 deg/mm
Fibers Greater Than 30 microns: 10.4 %	SD Curvature: 12.9 deg/mm
Comfort Factor: 89.6 %	Medullated Fibers: 6.5 %



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