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Optical Fiber Diameter Analyser (OFDA 100) Micron Test Report

Quarry Critters Alpaca Ranch/Julie M Wysong
580 Basehoar Rd
Littlestown PA 17340-9499

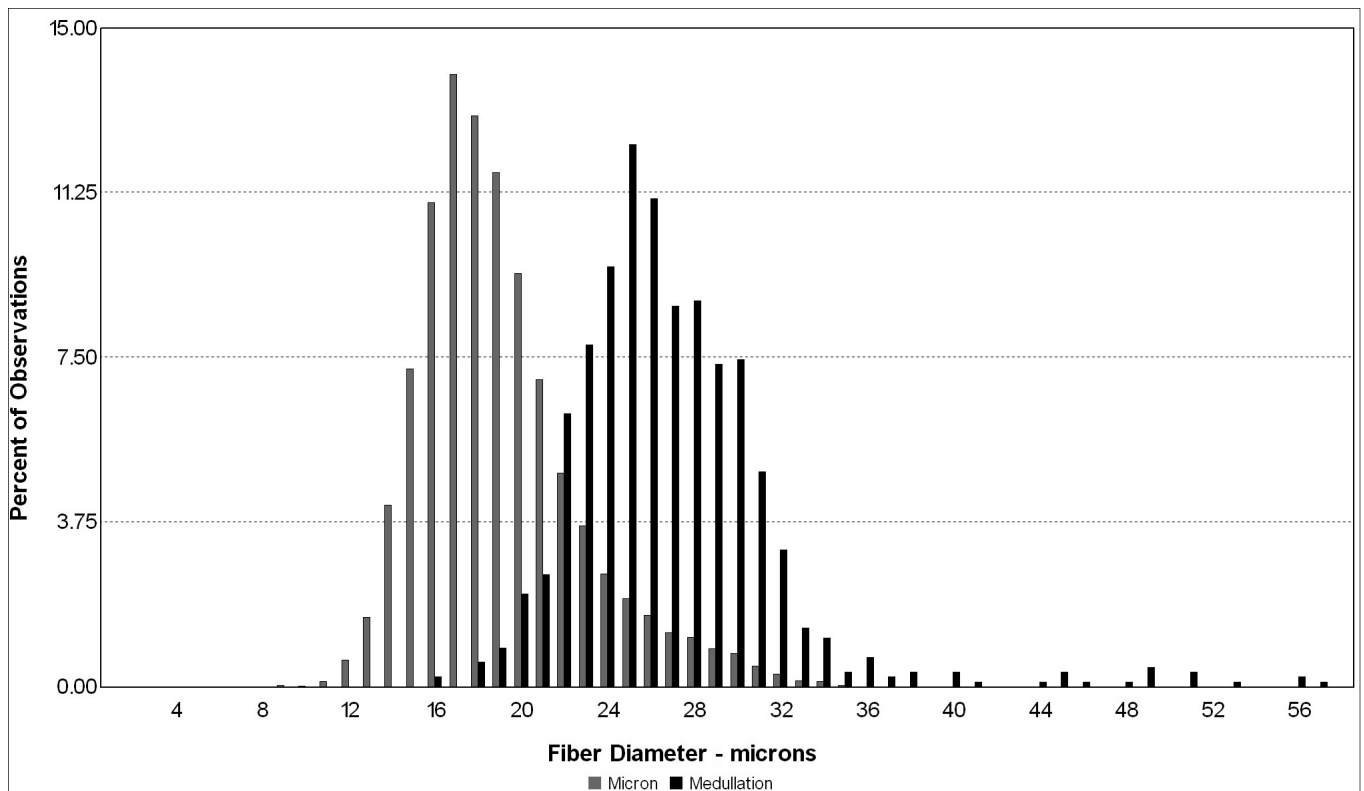
Date: 10/02/17
Shear ID: 150221
Test No: 950026

Animal and Sample Description

Animal Name: Quarry Critters Ironclad	Date of Birth (Age): 05/27/14
ARI #: 32528237	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 05/21/17
Sex: Male	Previous Shear Date: 05/15/16
Color: White	Total Fleece Wt (lbs): 7.70

Laboratory Data

Mean Fiber Diameter: 19.1 microns	Mean Staple Length: 103.6 mm
Standard Deviation: 4.0 microns	Length Standard Deviation: 1.8 mm
Coefficient of Variation: 21.1 %	Length Coefficient of Variation: 1.8 %
Spin Fineness: 18.6 microns	Mean Curvature: 48.8 deg/mm
Fibers Greater Than 30 microns: 1.4 %	SD Curvature: 28.8 deg/mm
Comfort Factor: 98.6 %	Medullated Fibers: 8.8 %



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