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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

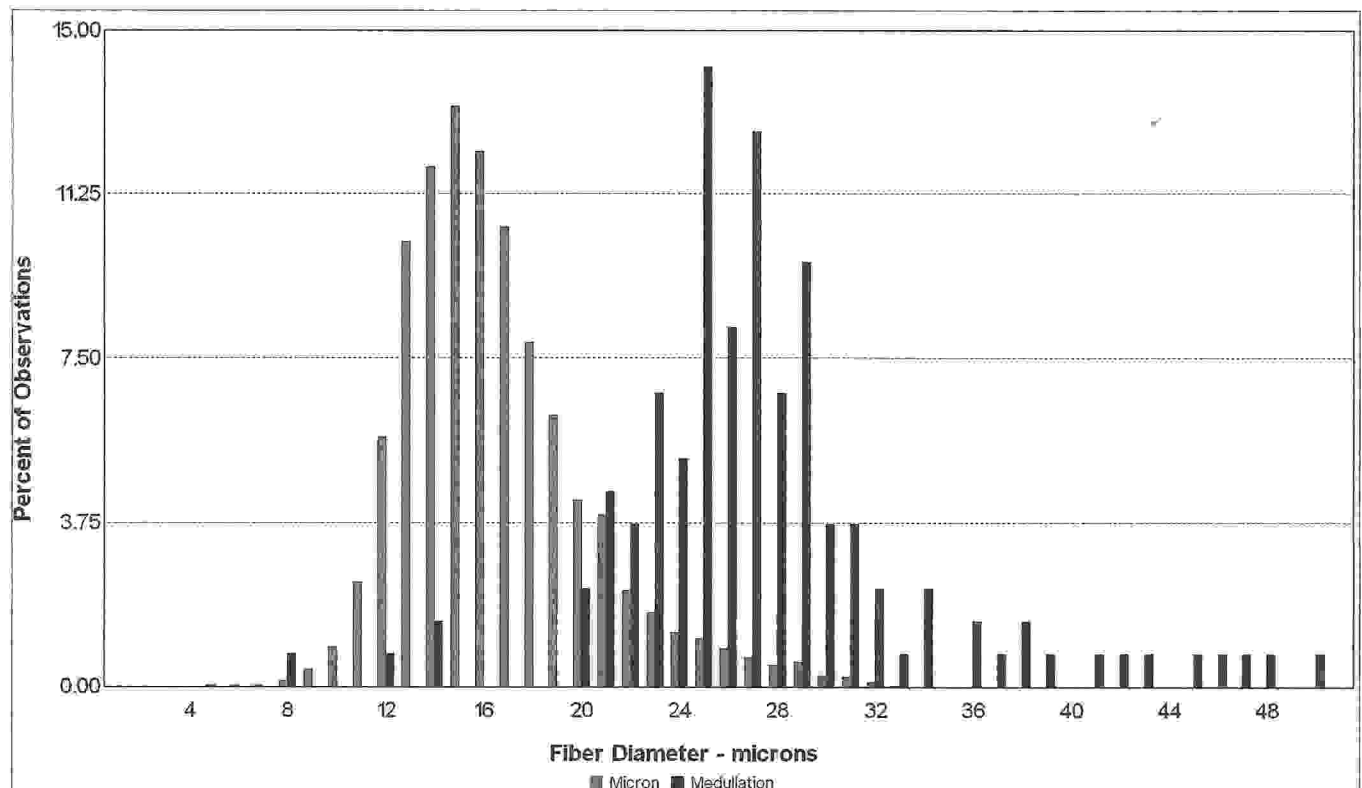
Date: 08/18/15
Shear ID: 111819
Test No: 911179

Animal and Sample Description

Animal Name: Stargazer's Barringer's Solar Storm	Date of Birth (Age): 05/30/14
ARI #: 32826487	Sample Location: Side
Breed: Alpaca(Huacaya)	Sample Date: 06/09/15
Sex: Male	Previous Shear Date: XX/XX/XX
Color: White	Total Fleece Wt (lbs): 3.20

Laboratory Data

Mean Fiber Diameter: 16.7 microns	Mean Staple Length: 115.4 mm
Standard Deviation: 4.2 microns	Length Standard Deviation: 4.7 mm
Coefficient of Variation: 25.2 %	Length Coefficient of Variation: 4.1 %
Spin Fineness: 16.9 microns	Mean Curvature: 56.5 deg/mm
Fibers Greater Than 30 microns: 1.0 %	SD Curvature: 28.6 deg/mm
Comfort Factor: 99.0 %	Medullated Fibers: 4.4 %



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