



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Strong Shepherd Alpacas
1565 State Hwy 41, Afton
NY 13730, US

Date: 23-Sep-25
Shear ID: 278024
Test No: 625669

Animal and Sample Description

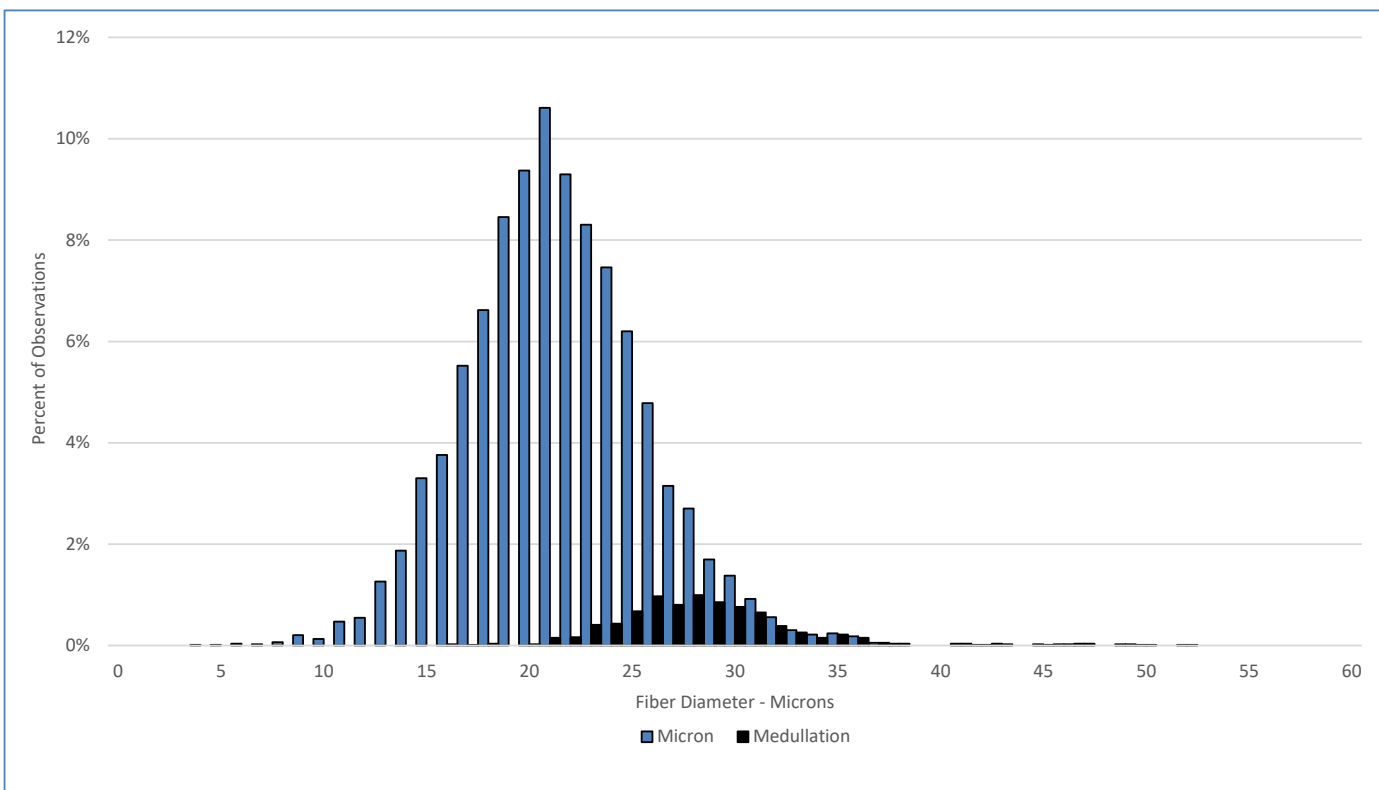
Animal Name: Heather's Acre Sweet Ivy
Registry #: 36168859
Breed: Huacaya
Sex: Female
Colour: 202 - Light Fawn

Date of Birth (Age): 8-Jun-23
Sample Location: GRID
Sample Date: 22-Apr-25
Previous Shear Date: 15-May-24
Total Fleece Wt (lbs): 9.00

Laboratory Data

Mean Fiber Diameter: 21.5 microns
Standard Deviation: 4.5 microns
Coefficient of Variation: 20.8 %
Spin Fineness: 20.9 microns
Fibers Greater Than 30 microns: 2.7 %
Comfort Factor: 97.3 %

Mean Staple Length: 110 mm
Length Standard Deviation: 4.4 mm
Length Coefficient of Variation: 4.0 %
Mean Curvature: 54.1 deg/mm
SD Curvature: 36.5 deg/mm
Medullated Fibers: 8.4 %



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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The validity of this document may be confirmed by contacting the address shown below

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