



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: 278020
Test No: 625665

Animal and Sample Description

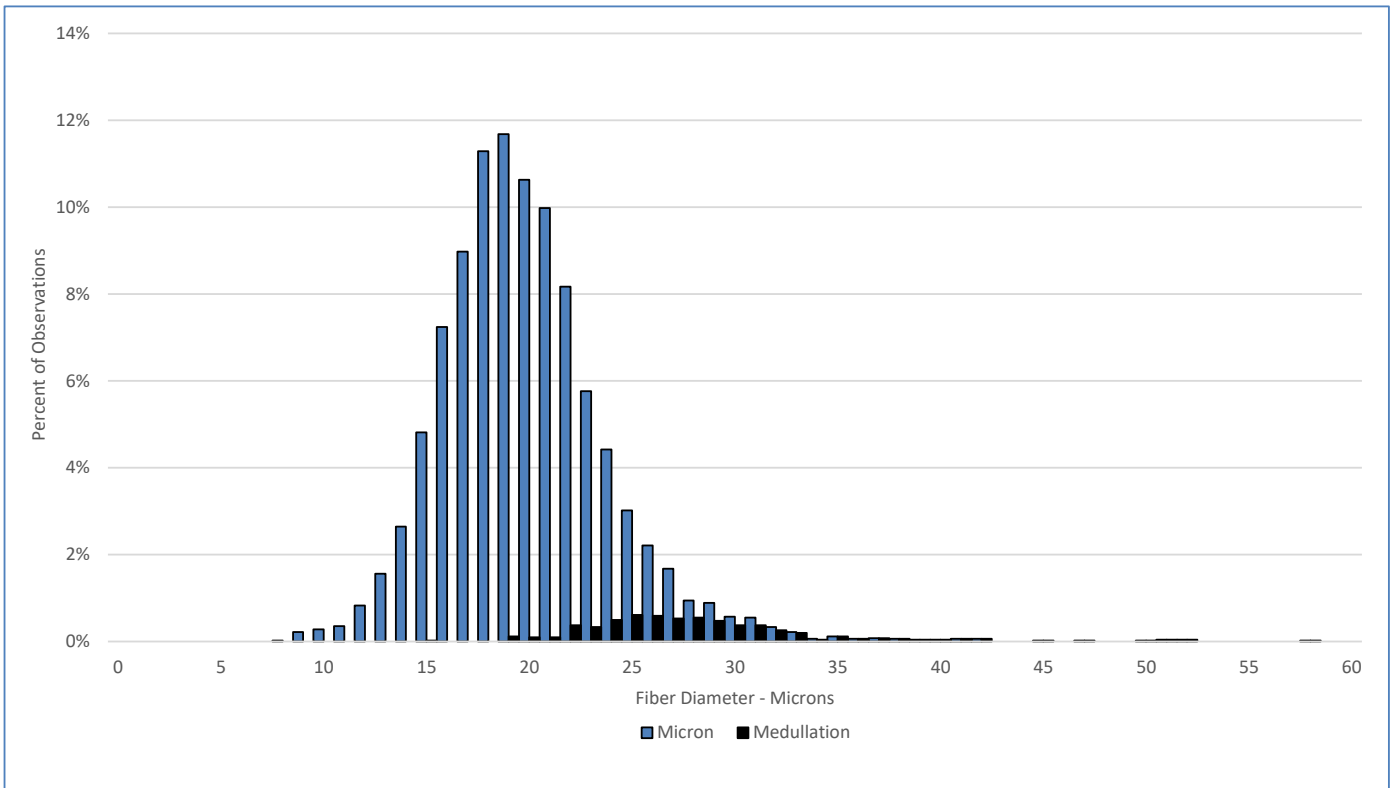
Animal Name: ALPACA PALACE's Rising Hope
Registry #: 35460213
Breed: Huacaya
Sex: Female
Colour: 100 - White

Date of Birth (Age): 2-Aug-19
Sample Location: GRID
Sample Date: 22-Apr-25
Previous Shear Date: 15-May-24
Total Fleece Wt (lbs): 8.50

Laboratory Data

Mean Fiber Diameter: 19.9 microns
Standard Deviation: 4.2 microns
Coefficient of Variation: 21.0 %
Spin Fineness: 19.4 microns
Fibers Greater Than 30 microns: 1.8 %
Comfort Factor: 98.2 %

Mean Staple Length: 67 mm
Length Standard Deviation: 2.1 mm
Length Coefficient of Variation: 3.1 %
Mean Curvature: 60.8 deg/mm
SD Curvature: 38.7 deg/mm
Medullated Fibers: 6.2 %



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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