



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: 278030
Test No: 625675

Animal and Sample Description

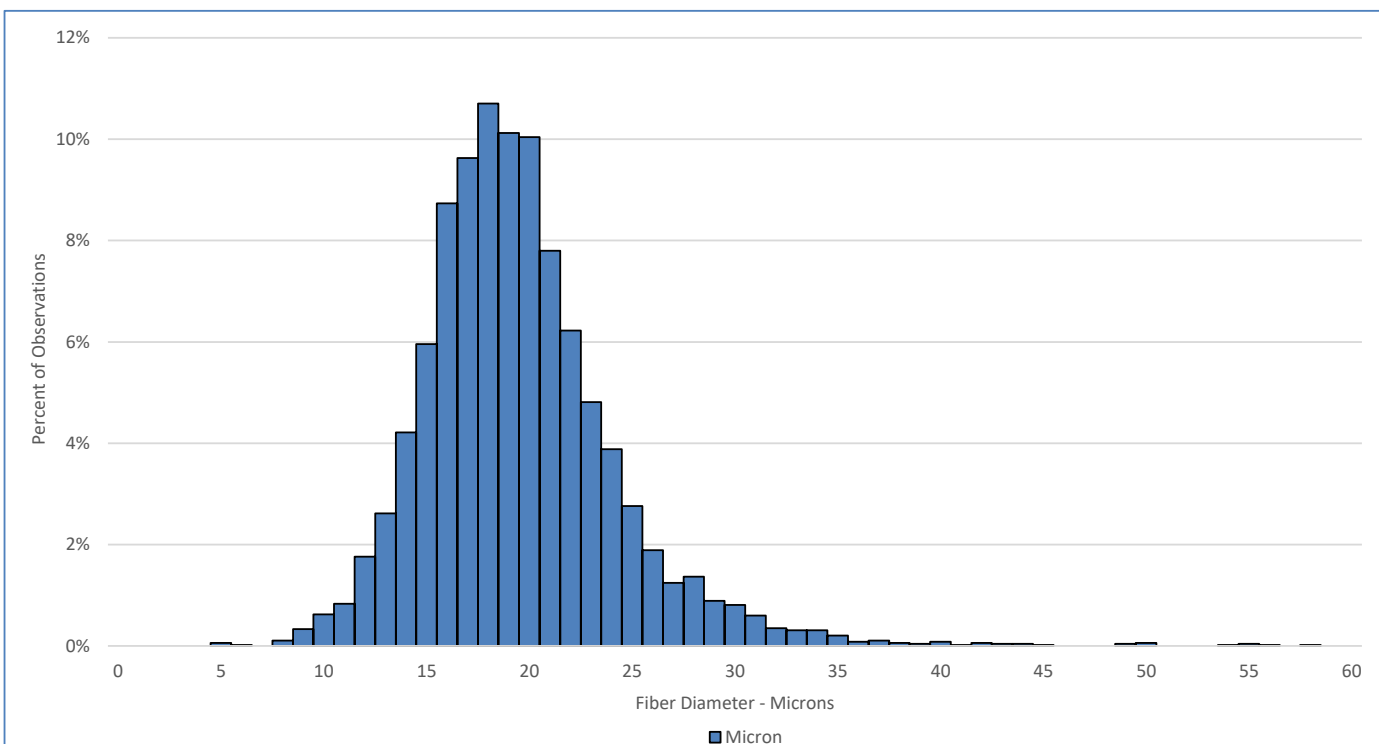
Animal Name: StrongShepherd Alto
Registry #: 36310081
Breed: Huacaya
Sex: Male
Colour: 204 - Medium Fawn

Date of Birth (Age): 31-Aug-24
Sample Location: GRID
Sample Date: 22-Apr-25
Previous Shear Date: 7-Sep-24
Total Fleece Wt (lbs): 5.00

Laboratory Data

Mean Fiber Diameter: 19.5 microns
Standard Deviation: 4.8 microns
Coefficient of Variation: 24.8 %
Spin Fineness: 19.6 microns
Fibers Greater Than 30 microns: 2.6 %
Comfort Factor: 97.4 %

Mean Staple Length: 77 mm
Length Standard Deviation: 6.1 mm
Length Coefficient of Variation: 7.9 %
Mean Curvature: 52.6 deg/mm
SD Curvature: 38.9 deg/mm



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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