



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Cedar Creek Alpacas
182 McNichols Rd, Cook
WA 98605, US

Date: 20-Aug-26
Shear ID: 286877
Test No: 628208

Animal and Sample Description

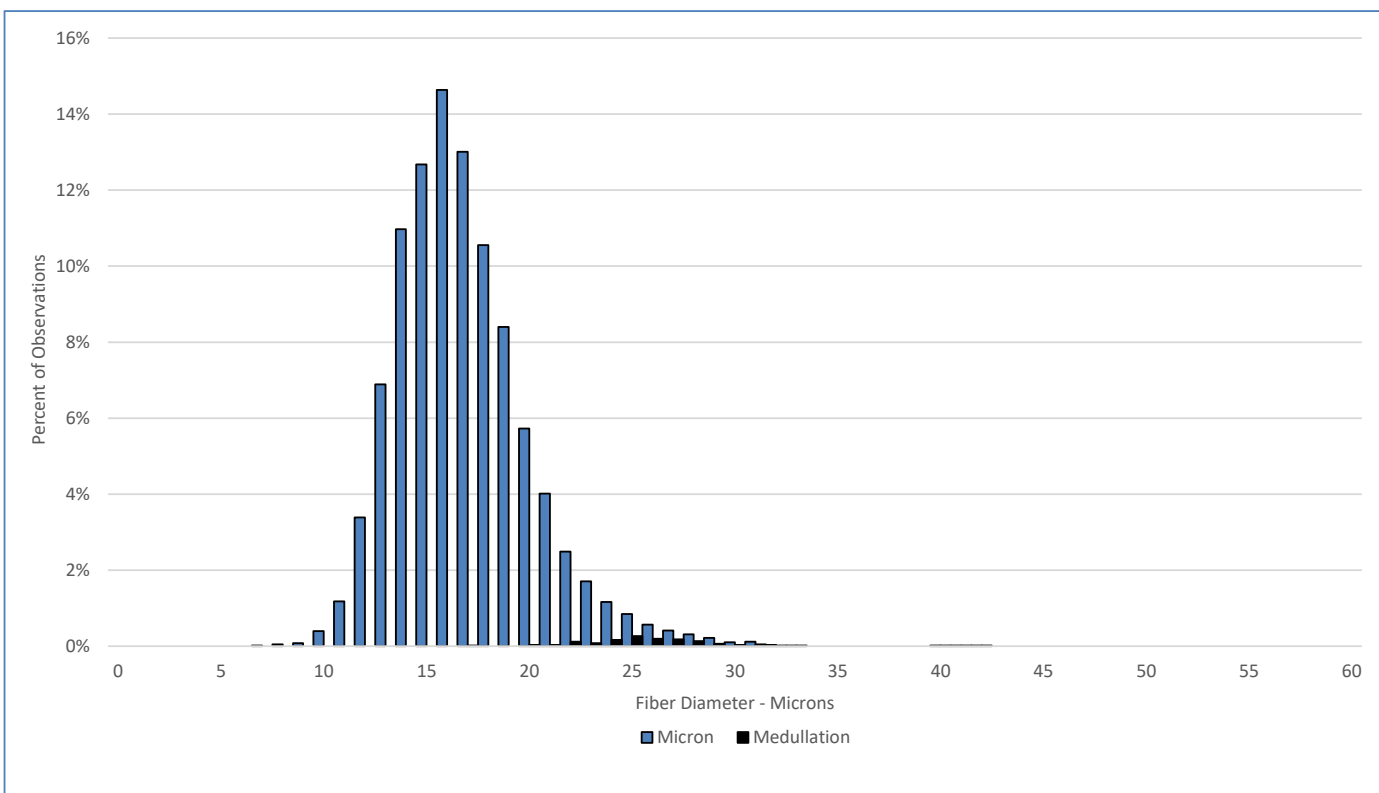
Animal Name: Cedar's Mimosa by Giovanni
Registry #: 36261499
Breed: Huacaya
Sex: Female
Colour: Beige

Date of Birth (Age): 8-Jul-25
Sample Location: GRID
Sample Date: 26-Apr-26
Previous Shear Date: 3-May-25
Total Fleece Wt (lbs): 3.83

Laboratory Data

Mean Fiber Diameter: 16.9 microns
Standard Deviation: 3.3 microns
Coefficient of Variation: 19.3 %
Spin Fineness: 16.2 microns
Fibers Greater Than 30 microns: 0.2 %
Comfort Factor: 99.8 %

Mean Staple Length: 81 mm
Length Standard Deviation: 7.7 mm
Length Coefficient of Variation: 9.5 %
Mean Curvature: 47.5 deg/mm
SD Curvature: 34.7 deg/mm
Medullated Fibers: 1.5 %



The OFDA100 base cut method minimizes the effects of environmental variability and provides more accurate comparisons of genetic capability. Average staple length is determined from multiple staples measured using a calibrated electronic length instrument, and is important for managing yarn processing outcomes.

Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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