



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Alpacas Goats & Dreams
8889 Highway E, Arcadia
MO 63621, US

Date: 21-Jul-26
Shear ID: 284082
Test No: 627456

Animal and Sample Description

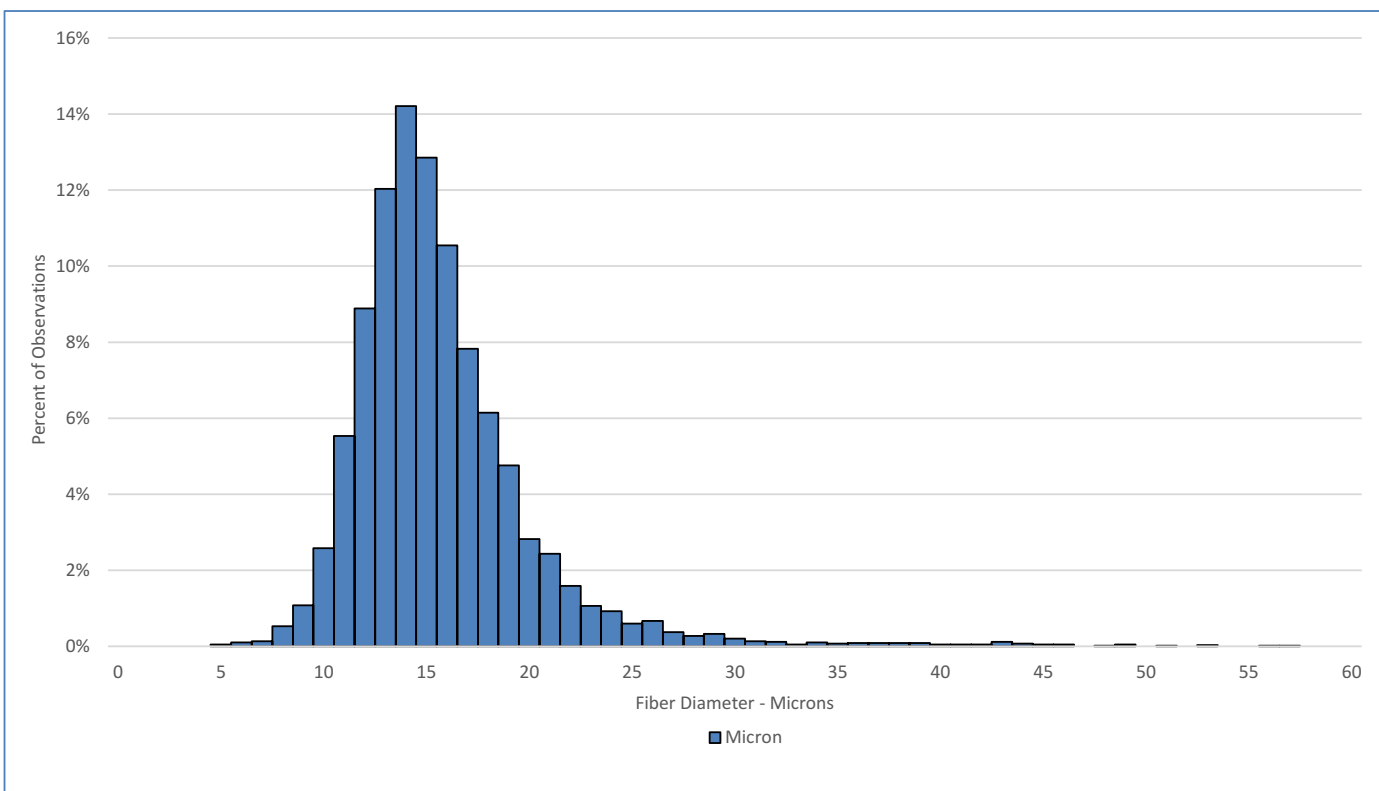
Animal Name: AGD Miss Oceana by Alydar
Registry #: 36353927
Breed: Huacaya
Sex: Female
Colour: 410 - Dark Brown

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

Laboratory Data

Mean Fiber Diameter: 15.7 microns
Standard Deviation: 4.6 microns
Coefficient of Variation: 29.5 %
Spin Fineness: 16.6 microns
Fibers Greater Than 30 microns: 1.4 %
Comfort Factor: 98.6 %

Mean Staple Length: 130 mm
Length Standard Deviation: 3.8 mm
Length Coefficient of Variation: 2.9 %
Mean Curvature: 49.4 deg/mm
SD Curvature: 39.3 deg/mm



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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