



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Sunny Alpacas
9200 Spooner Creek Lane, Blaine
WA 98230, US

Date: 31-Jul-25
Shear ID: 274543
Test No: 623783

Animal and Sample Description

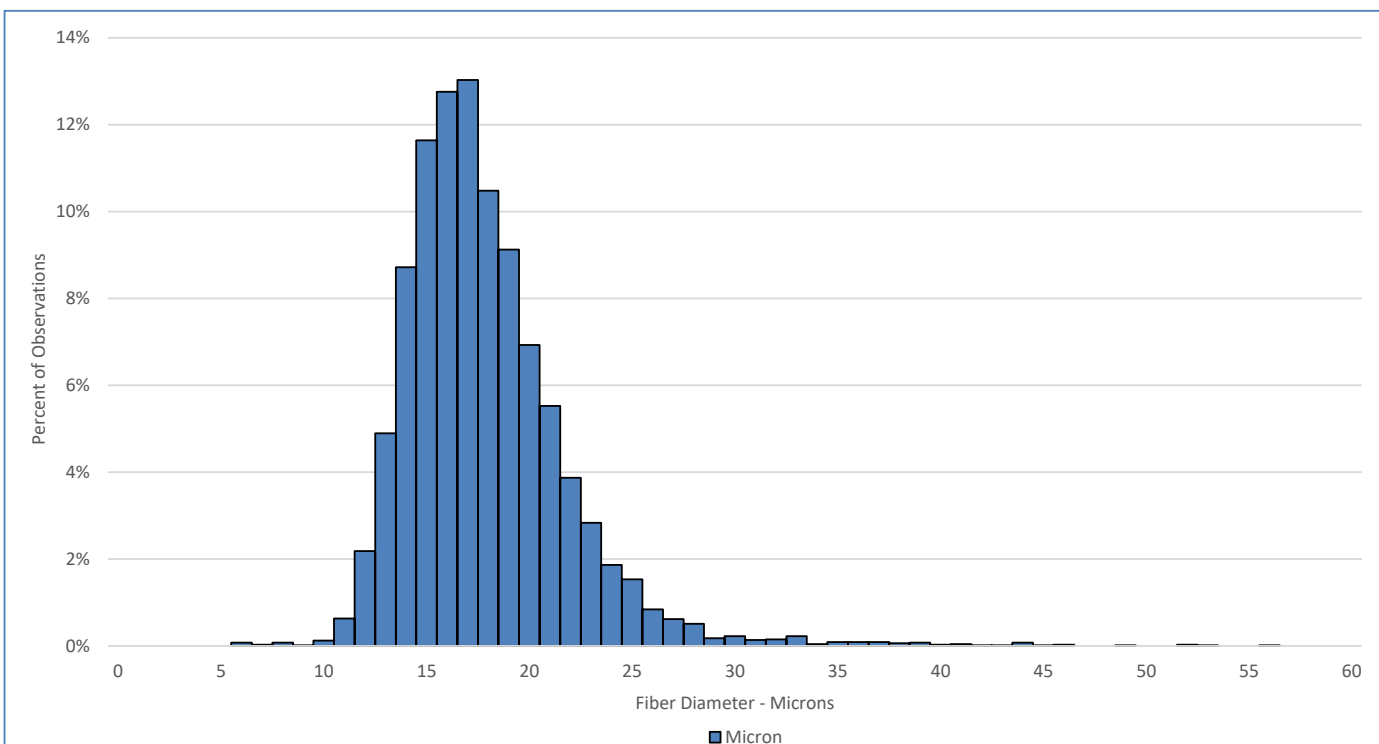
Animal Name: Sunny Andean Juliette
Registry #: 36342594
Breed: Huacaya
Sex: Female
Colour: 209 - Light Brown

Date of Birth (Age): 3-Aug-24
Sample Location: GRID
Sample Date: 3-Jun-25
Previous Shear Date: 2-Sep-24
Total Fleece Wt (lbs): 5.6

Laboratory Data

Mean Fiber Diameter: 17.8 microns
Standard Deviation: 4.0 microns
Coefficient of Variation: 22.7 %
Spin Fineness: 17.6 microns
Fibers Greater Than 30 microns: 1.3 %
Comfort Factor: 98.7 %

Mean Staple Length: 87 mm
Length Standard Deviation: 3.9 mm
Length Coefficient of Variation: 4.4 %
Mean Curvature: 48.0 deg/mm
SD Curvature: 36.0 deg/mm



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

[SGS General Terms and Conditions](#)

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

SGS NZ LTD - 48 Kemp Street, Kilbirnie 6022, Wellington, New Zealand. Tel: 64-4-387 8565 Email: WoolOnline@sgs.com Web: www.wooltesting.sgs.com