



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Colusa Riverside Alpacas
4360 Indian Creek Rd, Lincoln
CA 95648, US

Date: 23-Jun-26
Shear ID: 280070
Test No: 626959

Animal and Sample Description

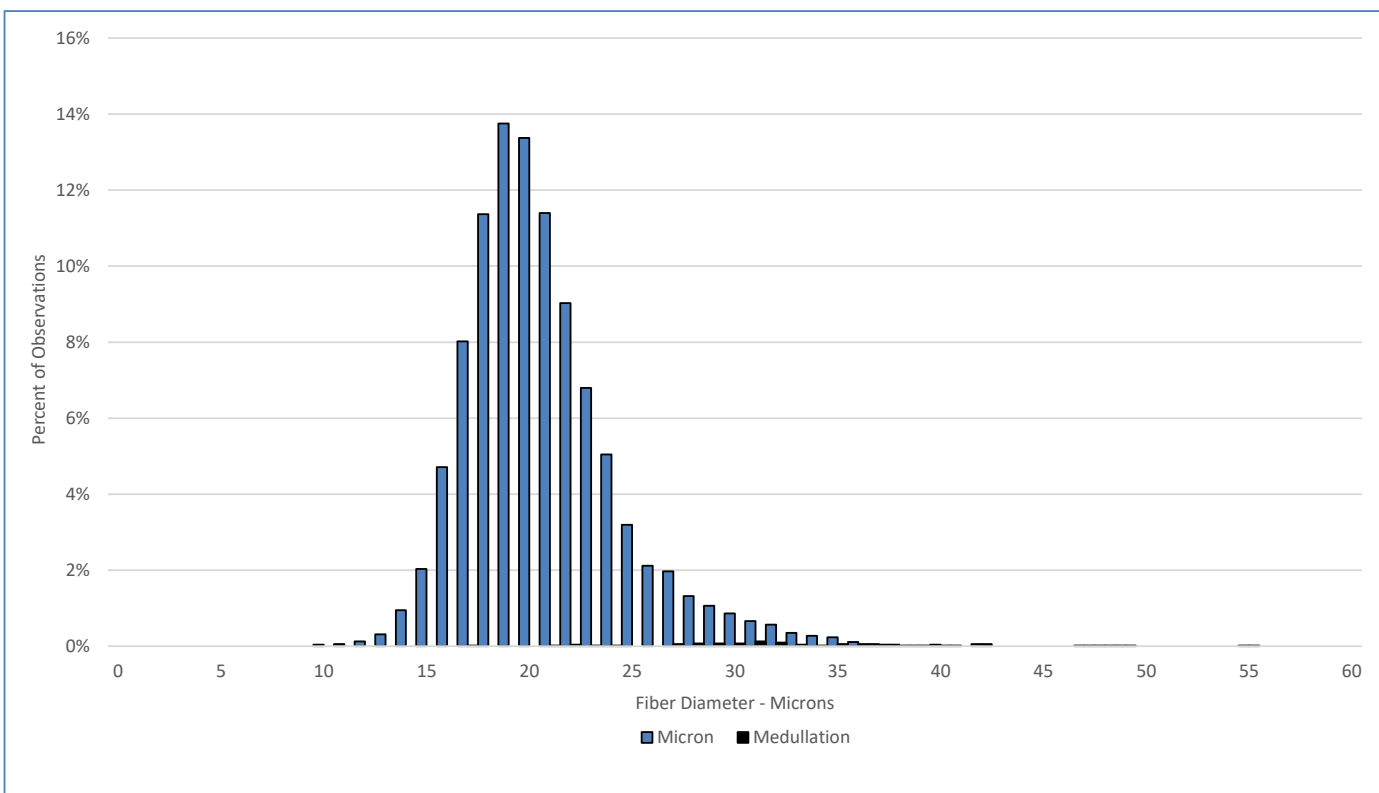
Animal Name: Man's Obsession
Registry #: 35163640
Breed: Huacaya
Sex: Female
Colour: 100 - White

Date of Birth (Age): 24-Sep-20
Sample Location: GRID
Sample Date: 13-Apr-26
Previous Shear Date: 24-Apr-25
Total Fleece Wt (lbs): 11.2

Laboratory Data

Mean Fiber Diameter: 20.8 microns
Standard Deviation: 3.8 microns
Coefficient of Variation: 18.5 %
Spin Fineness: 19.8 microns
Fibers Greater Than 30 microns: 2.5 %
Comfort Factor: 97.5 %

Mean Staple Length: 75 mm
Length Standard Deviation: 6.7 mm
Length Coefficient of Variation: 8.9 %
Mean Curvature: 55.3 deg/mm
SD Curvature: 39.1 deg/mm
Medullated Fibers: 1.0 %



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

[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