



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Stirling Ridge
5120 Robinson Park Rd, Moscow
ID 83843, US

Date: 14-Sep-26
Shear ID: 287554
Test No: 628760

Animal and Sample Description

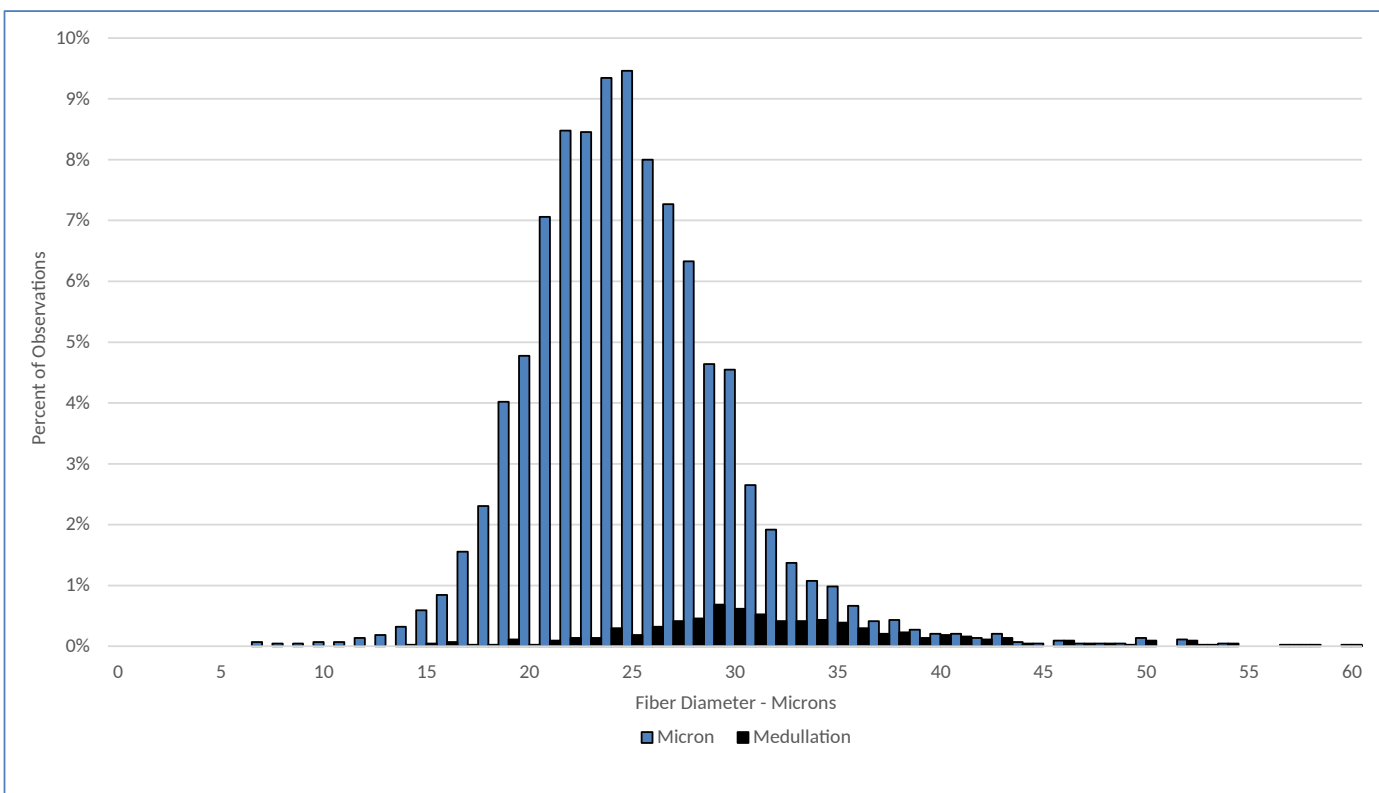
Animal Name: RUBIO'S RHIANNON OF STIRLING RIDGE
Registry #: 31949408
Breed: Huacaya
Sex: Female
Colour: 100 - White

Date of Birth (Age): 1-Jun-09
Sample Location: GRID
Sample Date: 3-Jun-26
Previous Shear Date: 29-May-25
Total Fleece Wt (lbs): 4.14

Laboratory Data

Mean Fiber Diameter: 25.2 microns
Standard Deviation: 5.4 microns
Coefficient of Variation: 21.2 %
Spin Fineness: 24.5 microns
Fibers Greater Than 30 microns: 11.4 %
Comfort Factor: 88.6 %

Mean Staple Length: 71 mm
Length Standard Deviation: 6.7 mm
Length Coefficient of Variation: 9.5 %
Mean Curvature: 43.6 deg/mm
SD Curvature: 32.8 deg/mm
Medullated Fibers: 8.0 %



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

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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