



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Sopris Alpaca Farm
35795 Highway 6, Silt
CO 81652, US

Date: 1-Aug-25
Shear ID: 276958
Test No: 623836

Animal and Sample Description

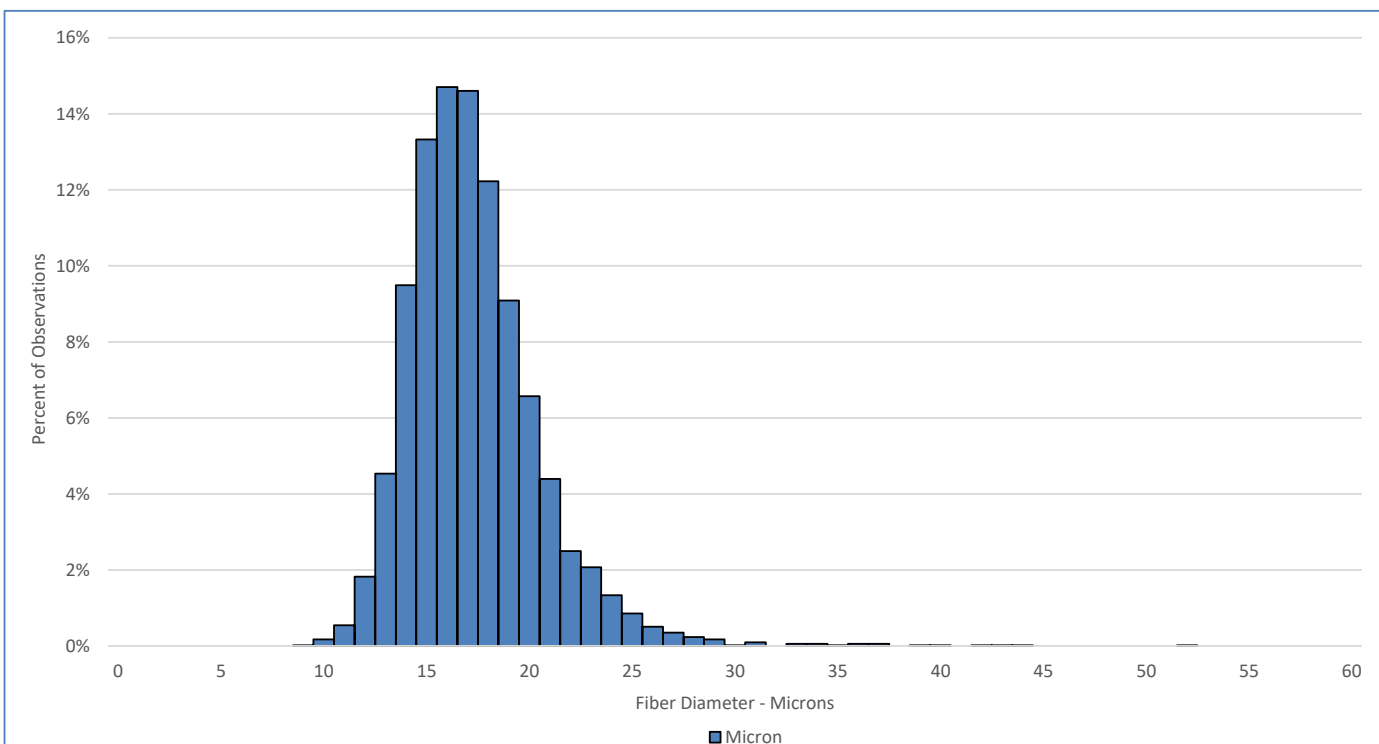
Animal Name: SOPRIS Kane
Registry #: 36106561
Breed: Huacaya
Sex: Male
Colour: 204 - Medium Fawn

Date of Birth (Age): 30-Sep-22
Sample Location: GRID
Sample Date: 4-May-25
Previous Shear Date: 30-Apr-24
Total Fleece Wt (lbs):

Laboratory Data

Mean Fiber Diameter: 17.3 microns
Standard Deviation: 3.2 microns
Coefficient of Variation: 18.7 %
Spin Fineness: 16.5 microns
Fibers Greater Than 30 microns: 0.5 %
Comfort Factor: 99.5 %

Mean Staple Length: 111 mm
Length Standard Deviation: 2.6 mm
Length Coefficient of Variation: 2.4 %
Mean Curvature: 56.3 deg/mm
SD Curvature: 39.6 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