



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Red Granite Ranch
1021 Red Granite Ranch Rd, Livermore
CO 80536, US

Date: 24-Aug-26
Shear ID: 285285
Test No: 628484

Animal and Sample Description

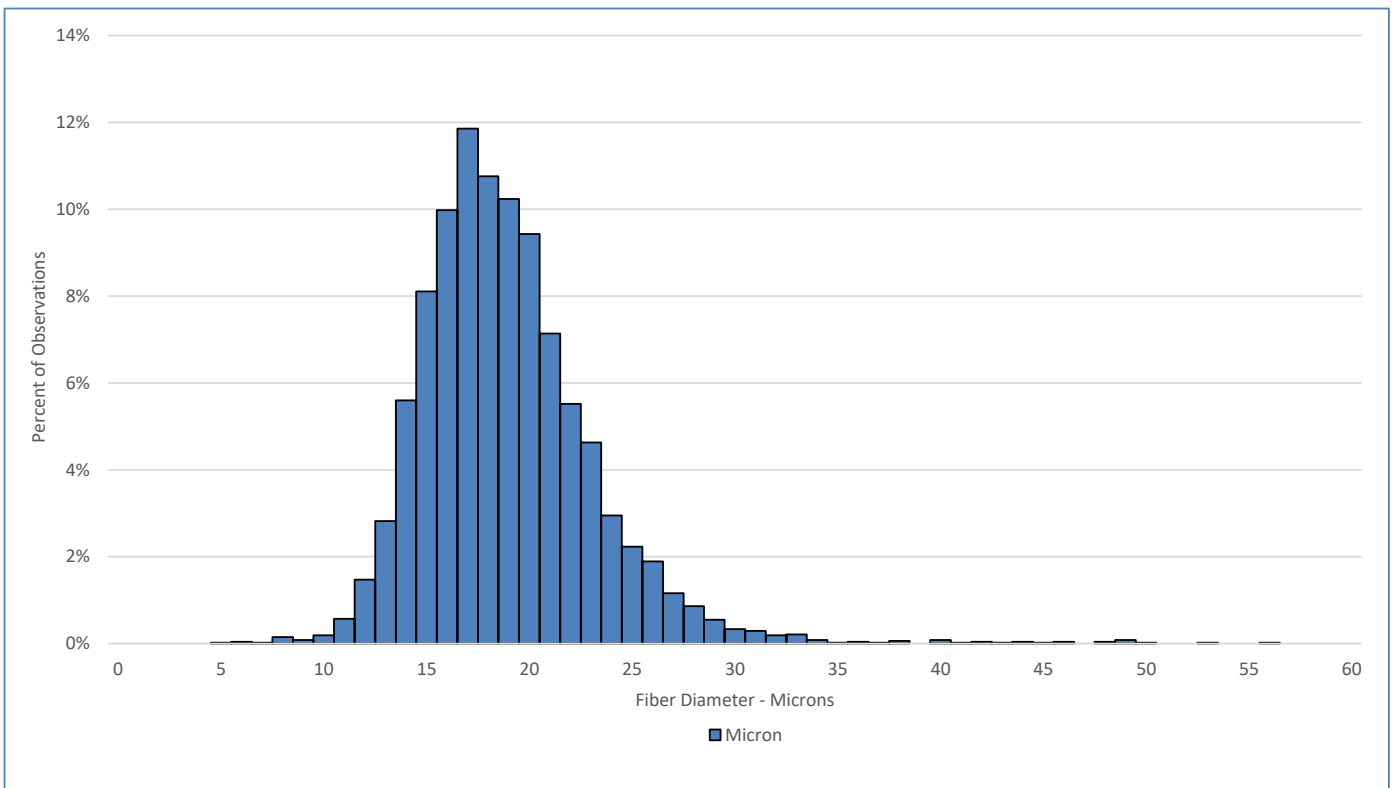
Animal Name: RED GRANITES DEKA
Registry #: 36407330
Breed: Huacaya
Sex: Male
Colour: 500 - True Black

Date of Birth (Age): 30-Jul-25
Sample Location: GRID
Sample Date: 5-Jun-26
Previous Shear Date: 30-Jul-25
Total Fleece Wt (lbs): 3.2

Laboratory Data

Mean Fiber Diameter: 18.9 microns
Standard Deviation: 4.3 microns
Coefficient of Variation: 22.8 %
Spin Fineness: 18.7 microns
Fibers Greater Than 30 microns: 1.4 %
Comfort Factor: 98.6 %

Mean Staple Length: 85 mm
Length Standard Deviation: 1.7 mm
Length Coefficient of Variation: 2.0 %
Mean Curvature: 43.7 deg/mm
SD Curvature: 34.5 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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The validity of this document may be confirmed by contacting the address shown below

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