



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: 285306
Test No: 628505

Animal and Sample Description

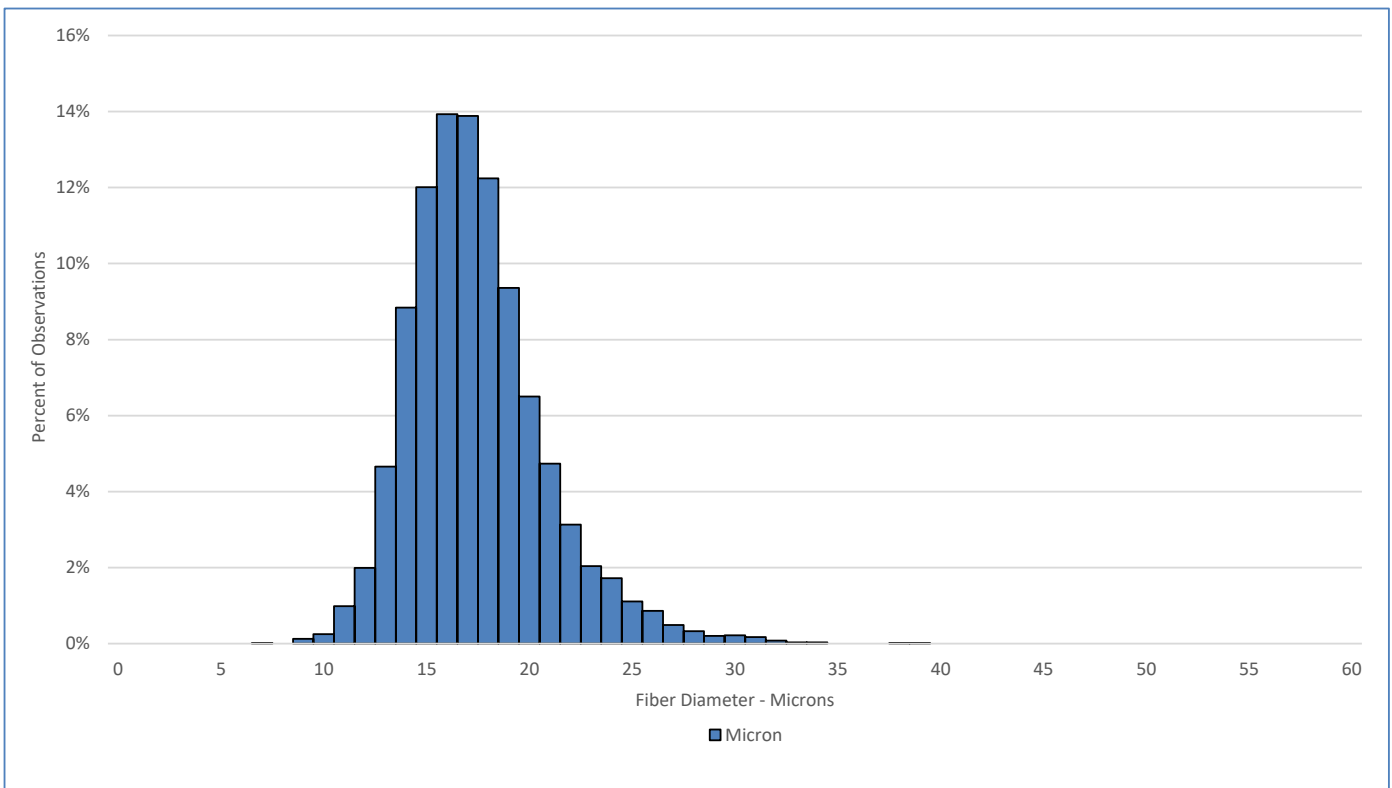
Animal Name: RED GRANITES JEZEBELL BY ALYDAR
Registry #: 36291687
Breed: Huacaya
Sex: Female
Colour: 211 - Medium Rose Grey

Date of Birth (Age): 4-Aug-24
Sample Location: GRID
Sample Date: 5-Jun-26
Previous Shear Date: 31-May-25
Total Fleece Wt (lbs): 6

Laboratory Data

Mean Fiber Diameter: 17.5 microns
Standard Deviation: 3.6 microns
Coefficient of Variation: 20.4 %
Spin Fineness: 16.9 microns
Fibers Greater Than 30 microns: 0.4 %
Comfort Factor: 99.6 %

Mean Staple Length: 89 mm
Length Standard Deviation: 8.1 mm
Length Coefficient of Variation: 9.1 %
Mean Curvature: 58.9 deg/mm
SD Curvature: 39.9 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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