



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: 285328
Test No: 628527

Animal and Sample Description

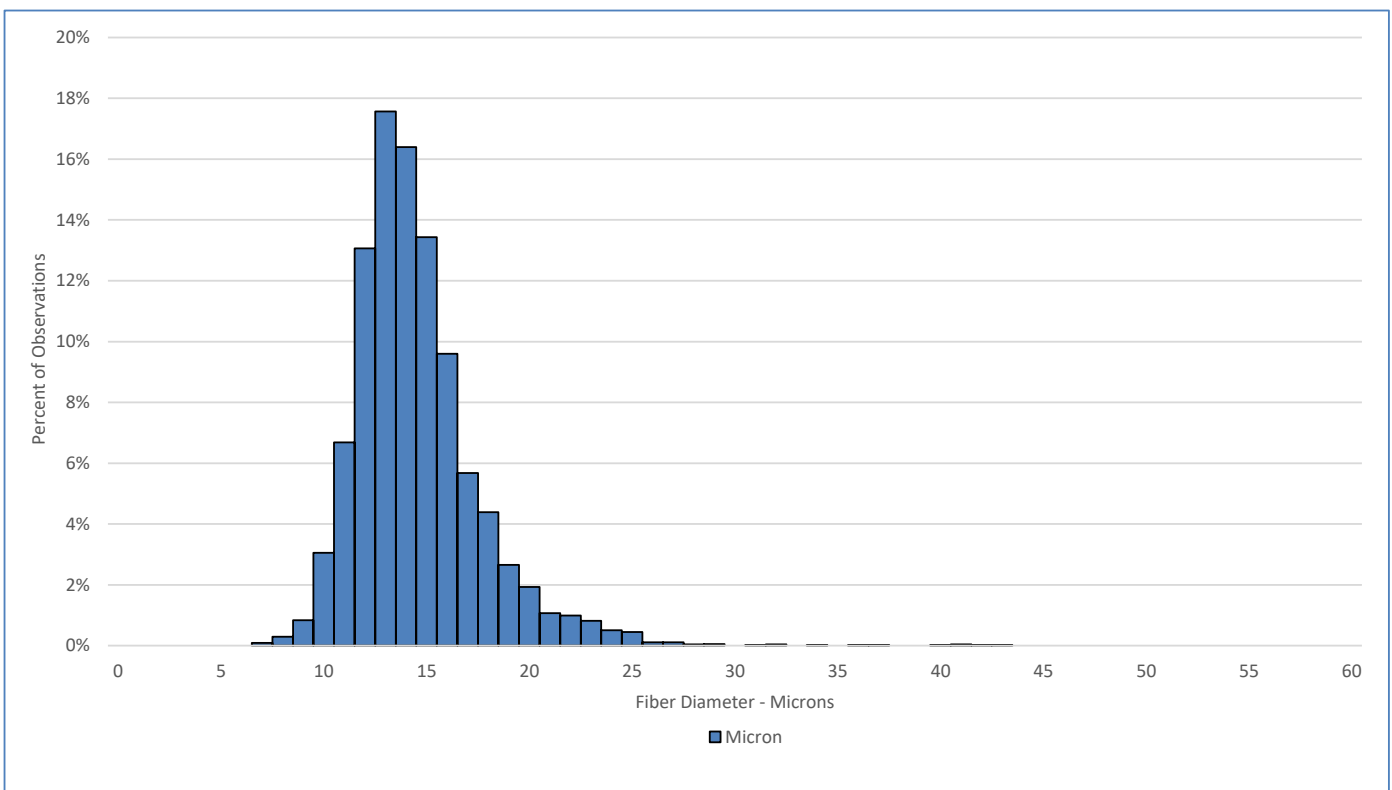
Animal Name: RED GRANITES PARADOX
Registry #: 36291540
Breed: Huacaya
Sex: Male
Colour: 500 - True Black

Date of Birth (Age): 11-Aug-25
Sample Location: GRID
Sample Date: 5-Jun-26
Previous Shear Date: 11-Aug-25
Total Fleece Wt (lbs): 3.4

Laboratory Data

Mean Fiber Diameter: 14.5 microns
Standard Deviation: 3.1 microns
Coefficient of Variation: 21.2 %
Spin Fineness: 14.1 microns
Fibers Greater Than 30 microns: 0.2 %
Comfort Factor: 99.8 %

Mean Staple Length: 89 mm
Length Standard Deviation: 2.1 mm
Length Coefficient of Variation: 2.3 %
Mean Curvature: 56.5 deg/mm
SD Curvature: 39.8 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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