



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 25-Aug-26
Shear ID: 285369
Test No: 628568

Animal and Sample Description

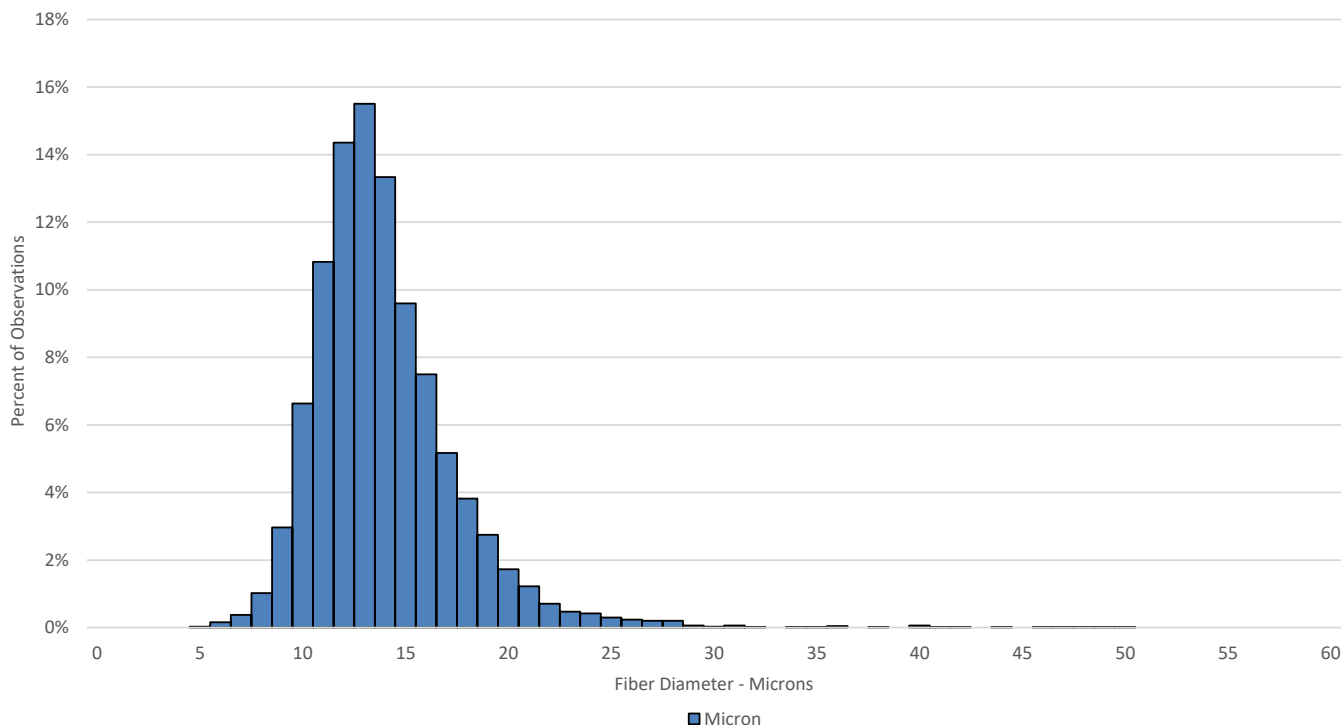
Animal Name: RED GRANITES SNOWBALLS CHANCE
Registry #: 36291632
Breed: Huacaya
Sex: Male
Colour: 204 - Medium Fawn

Date of Birth (Age): 27-Jun-25
Sample Location: GRID
Sample Date: 5-Jun-26
Previous Shear Date: 27-Jun-25
Total Fleece Wt (lbs): 2.6

Laboratory Data

Mean Fiber Diameter: 14.0 microns
Standard Deviation: 3.6 microns
Coefficient of Variation: 25.7 %
Spin Fineness: 14.2 microns
Fibers Greater Than 30 microns: 0.4 %
Comfort Factor: 99.6 %

Mean Staple Length: 75 mm
Length Standard Deviation: 0.8 mm
Length Coefficient of Variation: 1.0 %
Mean Curvature: 49.3 deg/mm
SD Curvature: 40.5 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

[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