



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Rare Gem Alpacas
30049 Stephanie St, Hemet
CA 92543, US

Date: 2-Jun-22
Shear ID: 233531
Test No: 607391

Animal and Sample Description

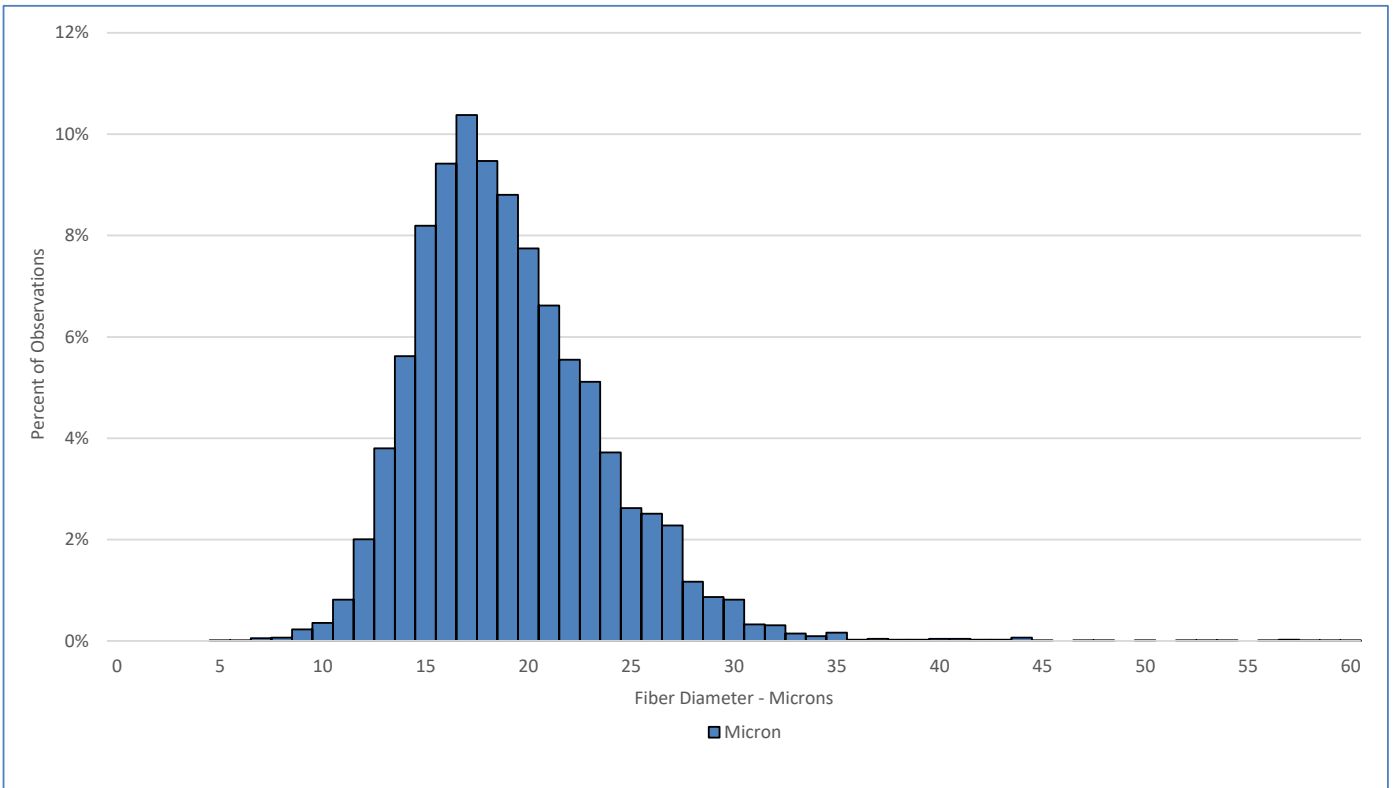
Animal Name: Rare Gem Calvin Fein
Registry #: 36141111
Breed: Huacaya
Sex: Male
Colour: 205 - Dark Fawn

Date of Birth (Age): 11-Jul-21
Sample Location: GRID
Sample Date: 21-Apr-22
Previous Shear Date: 29-Jul-21
Total Fleece Wt (lbs): 4.20

Laboratory Data

Mean Fiber Diameter: 19.2 microns
Standard Deviation: 5.2 microns
Coefficient of Variation: 26.9 %
Spin Fineness: 19.8 microns
Fibers Greater Than 30 microns: 1.7 %
Comfort Factor: 98.3 %

Mean Staple Length: 95 mm
Length Standard Deviation: 4.5 mm
Length Coefficient of Variation: 4.7 %
Mean Curvature: 45.2 deg/mm
SD Curvature: 22.1 deg/mm



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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