



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 10-May-23
Shear ID: 246747
Test No: 611480

Animal and Sample Description

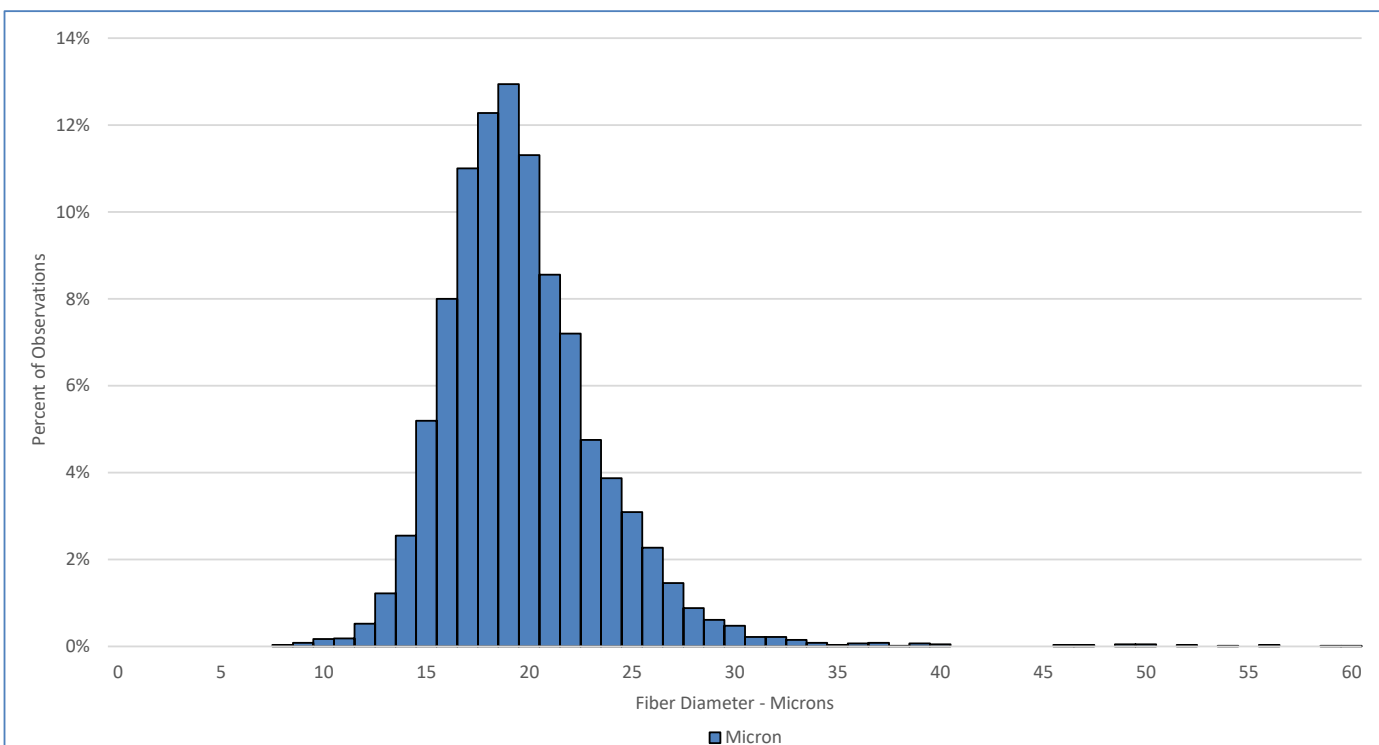
Animal Name: Rare Gem Camouflage
Registry #: 36141074
Breed: Huacaya
Sex: Male
Colour: 500 - True Black

Date of Birth (Age): 15-Nov-21
Sample Location: GRID
Sample Date: 21-Apr-23
Previous Shear Date: 21-Apr-22
Total Fleece Wt (lbs): 5.4

Laboratory Data

Mean Fiber Diameter: 19.7 microns
Standard Deviation: 4.2 microns
Coefficient of Variation: 21.0 %
Spin Fineness: 19.2 microns
Fibers Greater Than 30 microns: 1.3 %
Comfort Factor: 98.7 %

Mean Staple Length: 104 mm
Length Standard Deviation: 3.0 mm
Length Coefficient of Variation: 2.9 %
Mean Curvature: 56.0 deg/mm
SD Curvature: 26.0 deg/mm



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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