



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Rare Gem Alpacas
3507 W Stetson Ave 202, Hemet
92545 US

Date: 1-Jun-21
Shear ID: 218631
Test No: 601590

Animal and Sample Description

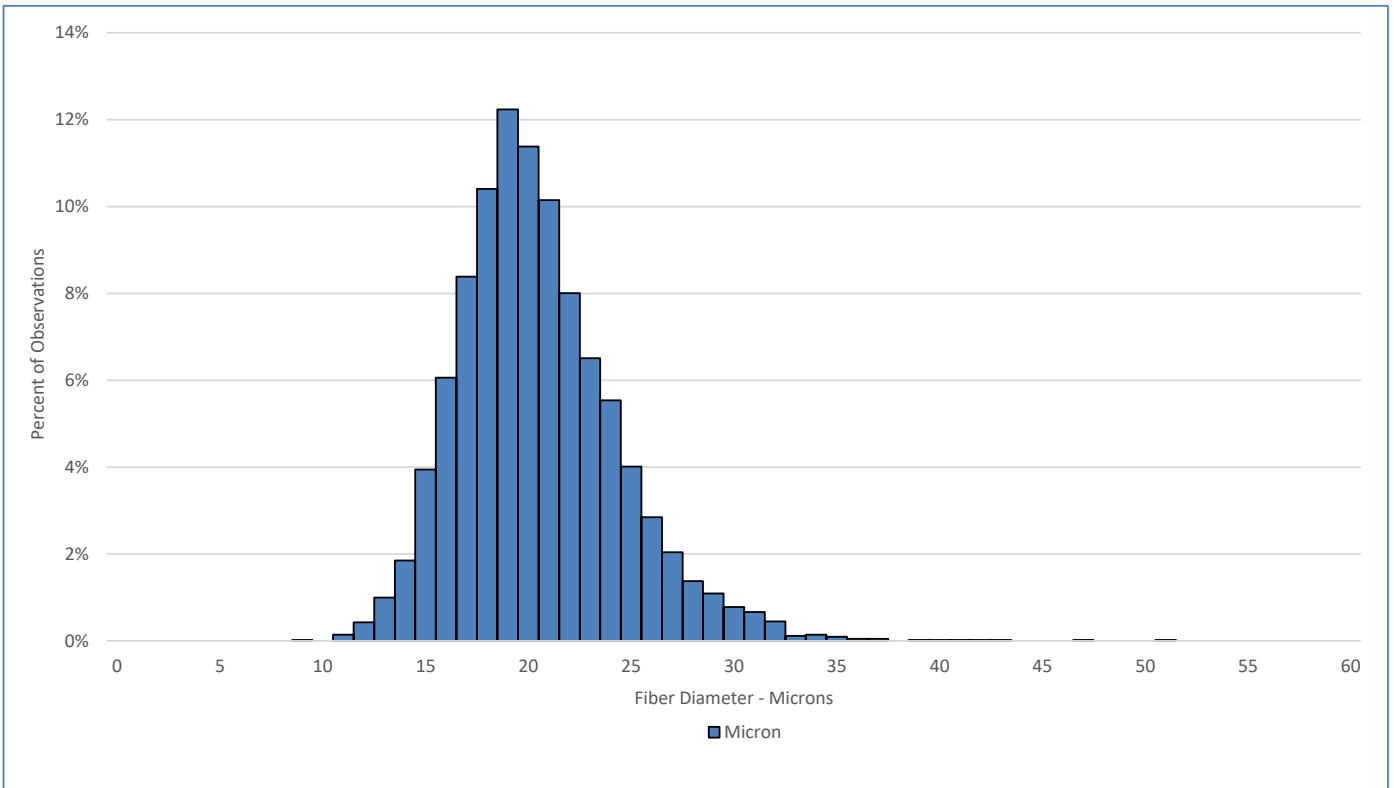
Animal Name: Rare Gems Apaches Polka-Hontis
Registry #: 36087716
Breed: Huacaya
Sex: Female
Colour: 402 - Medium Silver Grey

Date of Birth (Age): 30-Oct-19
Sample Location: GRID
Sample Date: 21-Apr-21
Previous Shear Date: 21-Apr-20
Total Fleece Wt (lbs): 4.40

Laboratory Data

Mean Fiber Diameter: 20.5 microns
Standard Deviation: 4.2 microns
Coefficient of Variation: 20.6 %
Spin Fineness: 19.9 microns
Fibers Greater Than 30 microns: 1.8 %
Comfort Factor: 98.2 %

Mean Staple Length: 105 mm
Length Standard Deviation: 4.1 mm
Length Coefficient of Variation: 3.9 %
Mean Curvature: 49.0 deg/mm
SD Curvature: 19.2 deg/mm



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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