



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: 218623
Test No: 601582

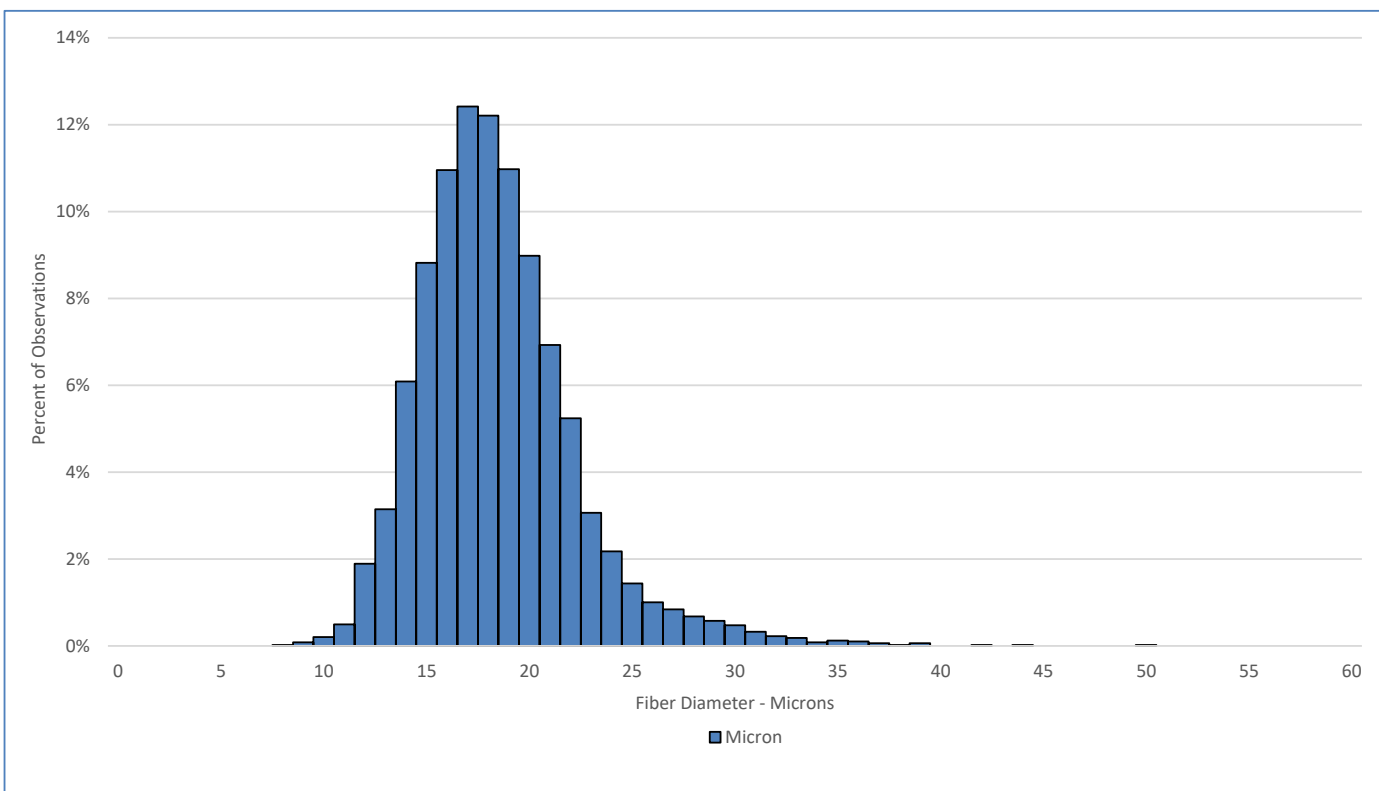
Animal and Sample Description

Animal Name: Rare Gem Royal Velvet
Registry #: 35365761
Breed: Huacaya
Sex: Female
Colour: 205 - Dark Fawn

Date of Birth (Age): 26-Oct-17
Sample Location: GRID
Sample Date: 21-Apr-21
Previous Shear Date: 21-Apr-20
Total Fleece Wt (lbs): 6.00

Laboratory Data

Mean Fiber Diameter:	18.5 microns	Mean Staple Length:	74 mm
Standard Deviation:	4.0 microns	Length Standard Deviation:	2.5 mm
Coefficient of Variation:	21.6 %	Length Coefficient of Variation:	3.3 %
Spin Fineness:	18.1 microns	Mean Curvature:	60.5 deg/mm
Fibers Greater Than 30 microns:	1.3 %	SD Curvature:	25.3 deg/mm
Comfort Factor:	98.7 %		



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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