



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: 218633
Test No: 601592

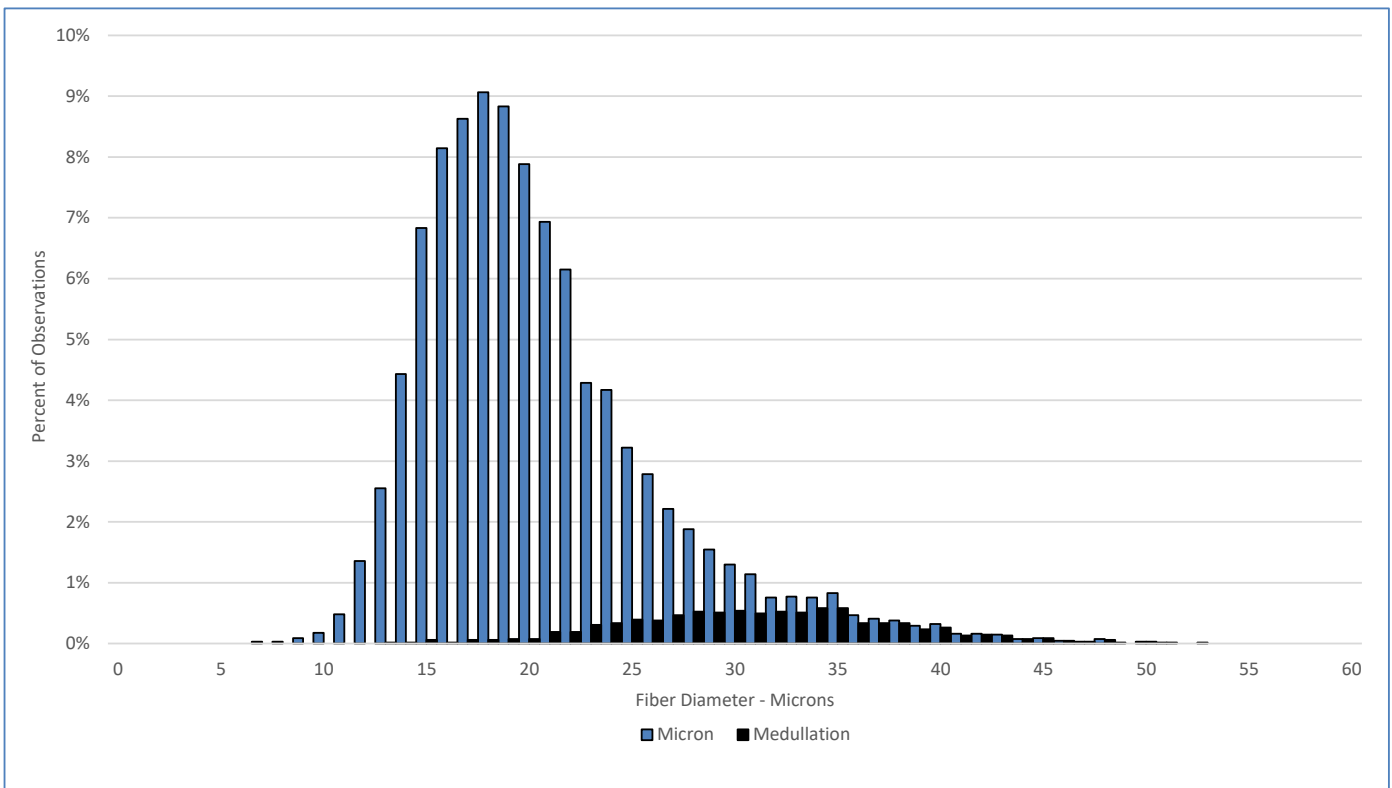
Animal and Sample Description

Animal Name: Rare Gem Design
Registry #: 36087747
Breed: Huacaya
Sex: Male
Colour: 100 - White

Date of Birth (Age): 19-Jan-20
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:	20.7 microns	Mean Staple Length:	126 mm
Standard Deviation:	6.0 microns	Length Standard Deviation:	6.1 mm
Coefficient of Variation:	29.0 %	Length Coefficient of Variation:	4.8 %
Spin Fineness:	21.7 microns	Mean Curvature:	44.7 deg/mm
Fibers Greater Than 30 microns:	7.0 %	SD Curvature:	21.7 deg/mm
Comfort Factor:	93.0 %	Medullated Fibers:	9.2 %



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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