



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 17-Sep-24
Shear ID: 270387
Test No: 621337

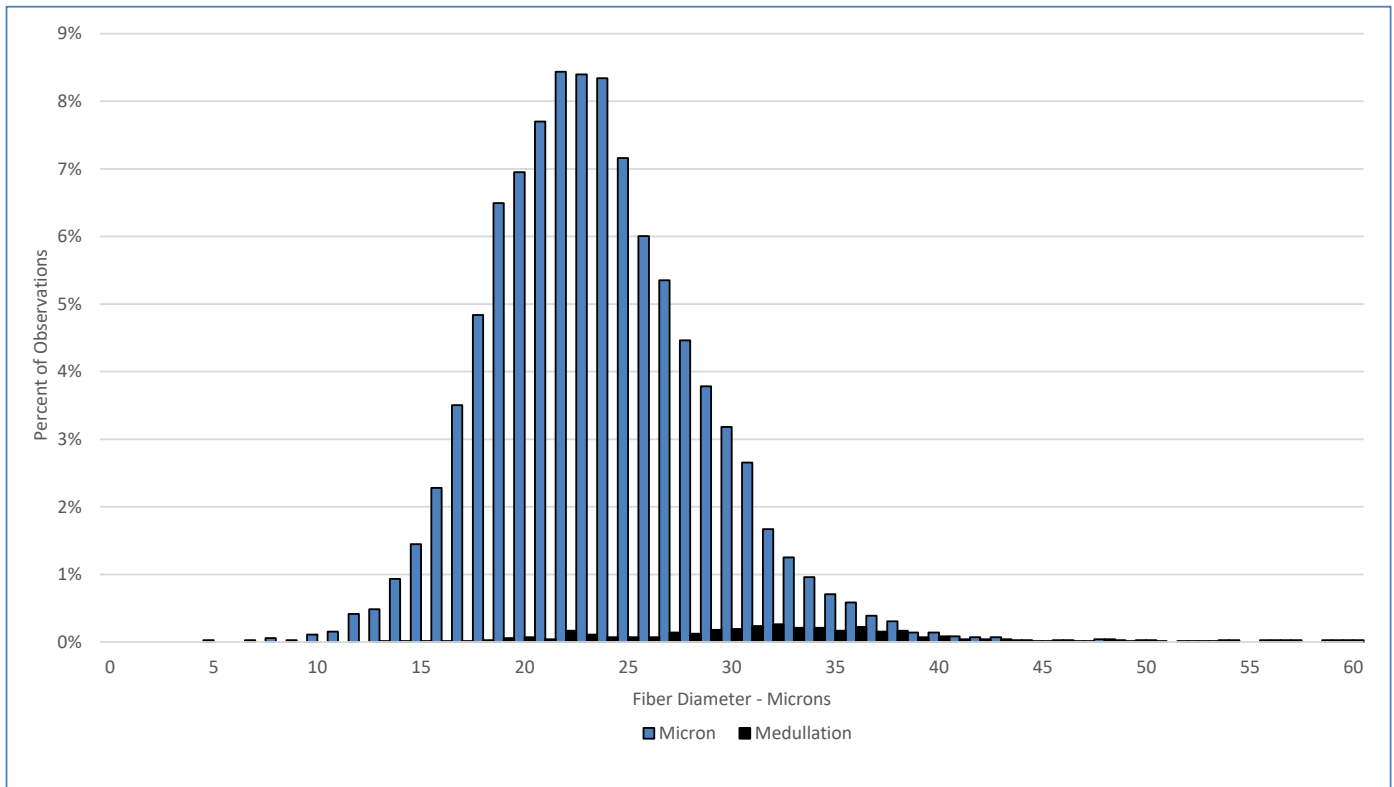
Animal and Sample Description

Animal Name: Rare Gem Boss Mead
Registry #: 36221646
Breed: Huacaya
Sex: Male
Colour: 100 - White

Date of Birth (Age): 21-Oct-22
Sample Location: GRID
Sample Date: 24-Apr-24
Previous Shear Date: 21-Apr-23
Total Fleece Wt (lbs): 4.6

Laboratory Data

Mean Fiber Diameter:	23.7 microns	Mean Staple Length:	112 mm
Standard Deviation:	5.4 microns	Length Standard Deviation:	5.3 mm
Coefficient of Variation:	22.7 %	Length Coefficient of Variation:	4.7 %
Spin Fineness:	23.4 microns	Mean Curvature:	47.1 deg/mm
Fibers Greater Than 30 microns:	9.4 %	SD Curvature:	39.1 deg/mm
Comfort Factor:	90.6 %	Medullated Fibers:	3.7 %



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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