



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 17-Sep-24
Shear ID: 270418
Test No: 621354

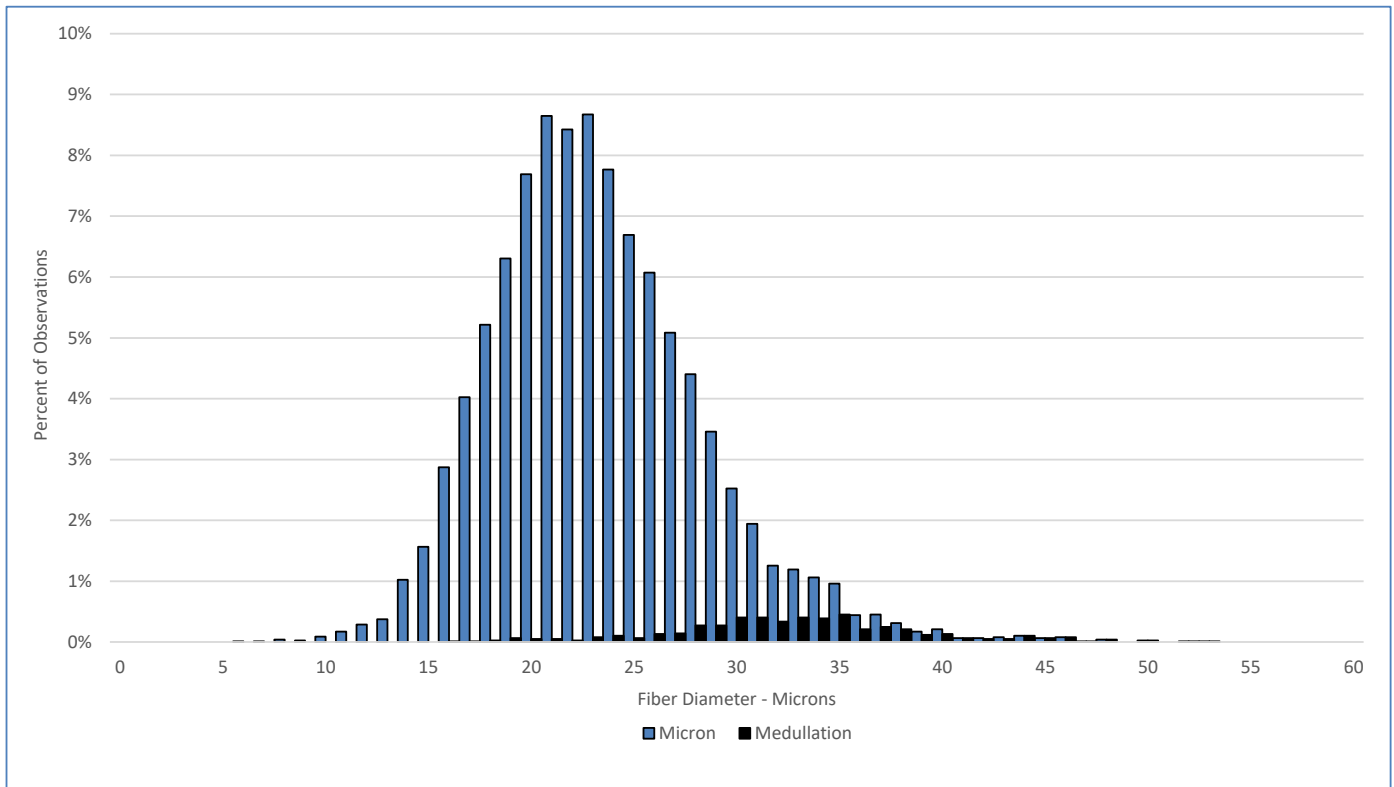
Animal and Sample Description

Animal Name: Rare Gem Raya Sunshine of AppyAA
Registry #: 36221707
Breed: Huacaya
Sex: Female
Colour: 100 - White

Date of Birth (Age): 12-Nov-22
Sample Location: GRID
Sample Date: 24-Apr-24
Previous Shear Date: 21-Apr-23
Total Fleece Wt (lbs): 3.5

Laboratory Data

Mean Fiber Diameter:	23.4 microns	Mean Staple Length:	122 mm
Standard Deviation:	5.2 microns	Length Standard Deviation:	3.4 mm
Coefficient of Variation:	22.2 %	Length Coefficient of Variation:	2.8 %
Spin Fineness:	23.0 microns	Mean Curvature:	49.0 deg/mm
Fibers Greater Than 30 microns:	8.6 %	SD Curvature:	38.1 deg/mm
Comfort Factor:	91.4 %	Medullated Fibers:	5.1 %



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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