



## Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 17-Sep-24  
Shear ID: 270412  
Test No: 621348

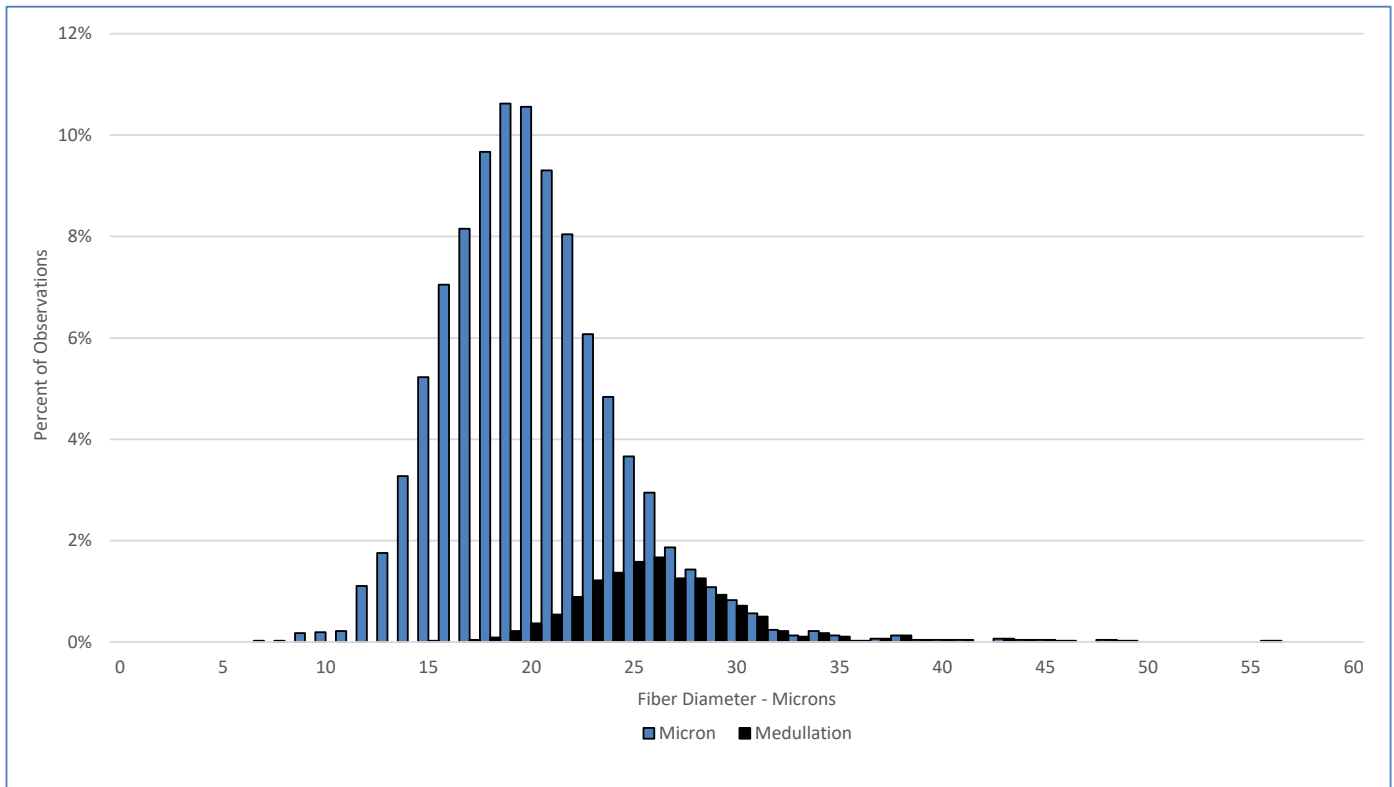
### Animal and Sample Description

Animal Name: Rare Gem Blue Moon XX  
Registry #: 36239429  
Breed: Huacaya  
Sex: Male  
Colour: 100 - White

Date of Birth (Age): 19-Nov-22  
Sample Location: GRID  
Sample Date: 24-Apr-24  
Previous Shear Date: 21-Apr-23  
Total Fleece Wt (lbs):

### Laboratory Data

Mean Fiber Diameter:	20.2 microns	Mean Staple Length:	110 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	0.2 mm
Coefficient of Variation:	21.8 %	Length Coefficient of Variation:	0.2 %
Spin Fineness:	19.7 microns	Mean Curvature:	54.4 deg/mm
Fibers Greater Than 30 microns:	1.9 %	SD Curvature:	42.2 deg/mm
Comfort Factor:	98.1 %	Medullated Fibers:	13.9 %



### Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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