



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

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

Date: 17-Sep-24  
Shear ID: 270389  
Test No: 621339

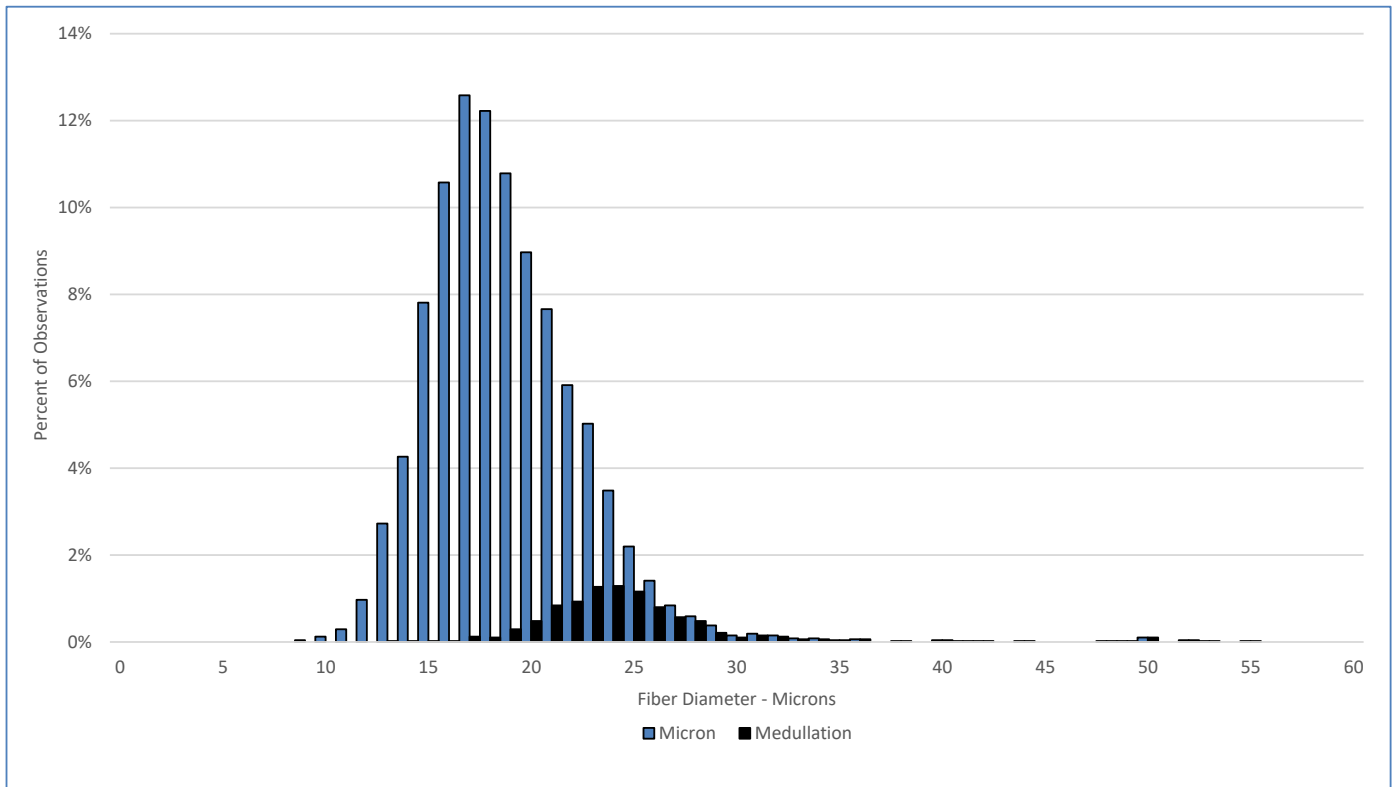
### Animal and Sample Description

Animal Name: Rare Gem Divine X  
Registry #: 36239436  
Breed: Huacaya  
Sex: Male  
Colour: 202 - Light Fawn

Date of Birth (Age): 24-Jun-23  
Sample Location: GRID  
Sample Date: 24-Apr-24  
Previous Shear Date: 25-Jun-23  
Total Fleece Wt (lbs): 2

### Laboratory Data

Mean Fiber Diameter:	18.9 microns	Mean Staple Length:	112 mm
Standard Deviation:	3.9 microns	Length Standard Deviation:	6.7 mm
Coefficient of Variation:	20.8 %	Length Coefficient of Variation:	6.0 %
Spin Fineness:	18.4 microns	Mean Curvature:	52.4 deg/mm
Fibers Greater Than 30 microns:	1.0 %	SD Curvature:	39.6 deg/mm
Comfort Factor:	99.0 %	Medullated Fibers:	9.6 %



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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