



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

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

Date: 10-May-23  
Shear ID: 246754  
Test No: 611487

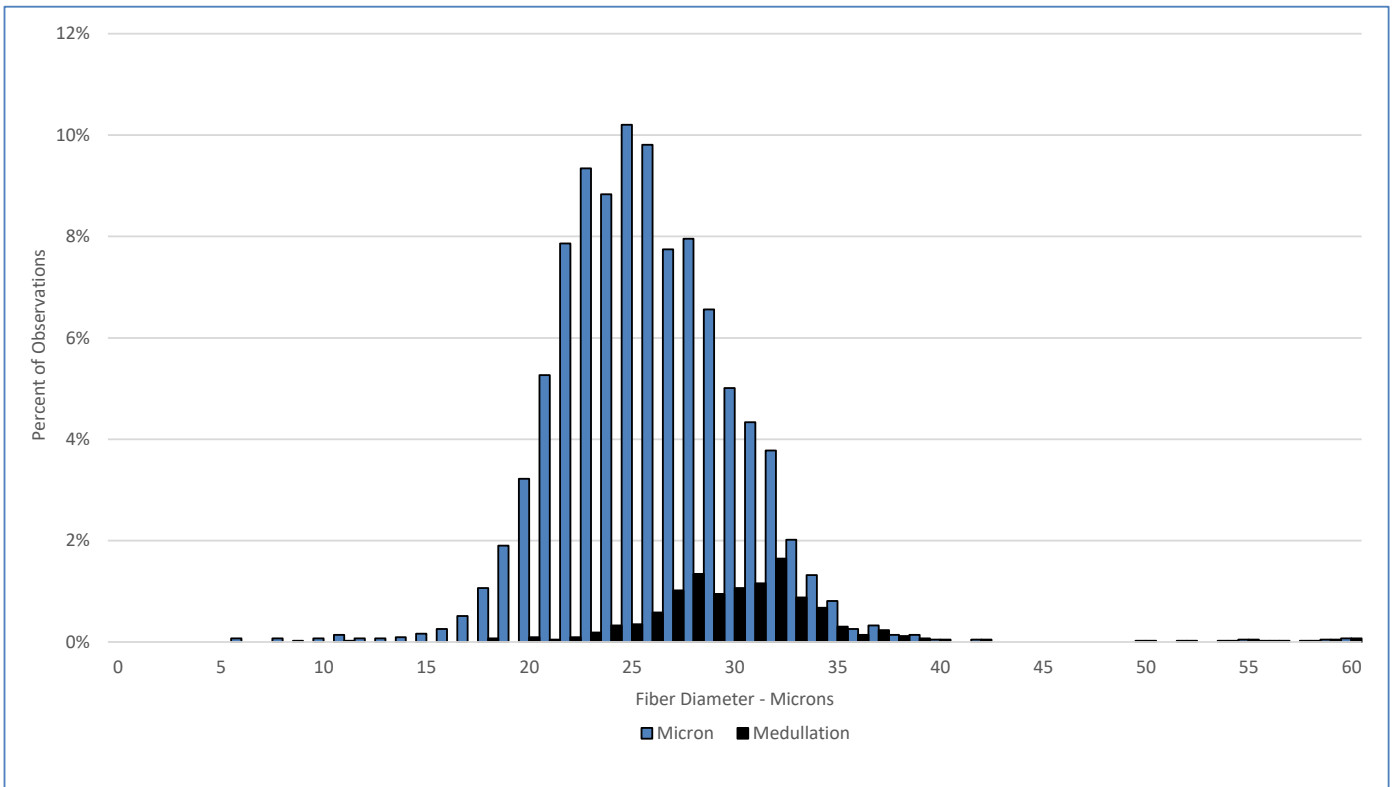
### Animal and Sample Description

Animal Name: Stone Pine Iris  
Registry #: 35578383  
Breed: Huacaya  
Sex: Female  
Colour: 100 - White

Date of Birth (Age): 19-Jun-21  
Sample Location: GRID  
Sample Date: 21-Apr-23  
Previous Shear Date: 10-Jun-22  
Total Fleece Wt (lbs): 6.8

### Laboratory Data

Mean Fiber Diameter:	25.9 microns	Mean Staple Length:	95 mm
Standard Deviation:	4.7 microns	Length Standard Deviation:	3.6 mm
Coefficient of Variation:	18.2 %	Length Coefficient of Variation:	3.8 %
Spin Fineness:	24.7 microns	Mean Curvature:	47.3 deg/mm
Fibers Greater Than 30 microns:	13.7 %	SD Curvature:	18.3 deg/mm
Comfort Factor:	86.3 %	Medullated Fibers:	11.9 %



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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