



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

Rare Gem Alpacas  
3507 W Stetson Ave 202, Hemet  
92545 US

Date: 1-Jun-21  
Shear ID: 218632  
Test No: 601589

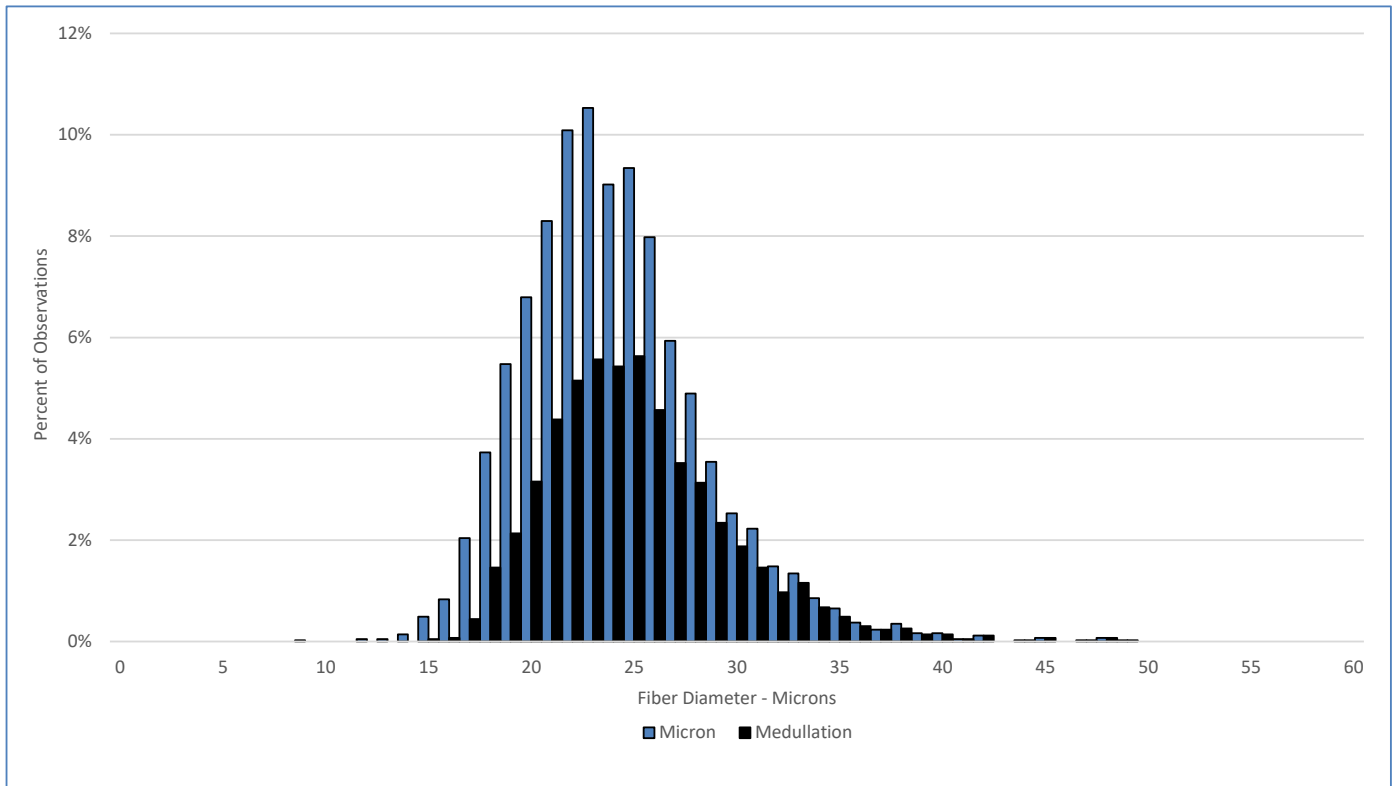
### Animal and Sample Description

Animal Name: Apache Gentleman  
Registry #: 35240655  
Breed: Huacaya  
Sex: Male  
Colour: 201 - Beige

Date of Birth (Age): 28-Jun-15  
Sample Location: GRID  
Sample Date: 21-Apr-21  
Previous Shear Date: 21-Apr-20  
Total Fleece Wt (lbs): 7.00

### Laboratory Data

Mean Fiber Diameter:	24.2 microns	Mean Staple Length:	80 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	3.9 mm
Coefficient of Variation:	18.5 %	Length Coefficient of Variation:	4.9 %
Spin Fineness:	23.0 microns	Mean Curvature:	51.3 deg/mm
Fibers Greater Than 30 microns:	8.2 %	SD Curvature:	20.1 deg/mm
Comfort Factor:	91.8 %	Medullated Fibers:	55.1 %



### 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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