



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

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

Date: 2-Jun-22  
Shear ID: 233530  
Test No: 607400

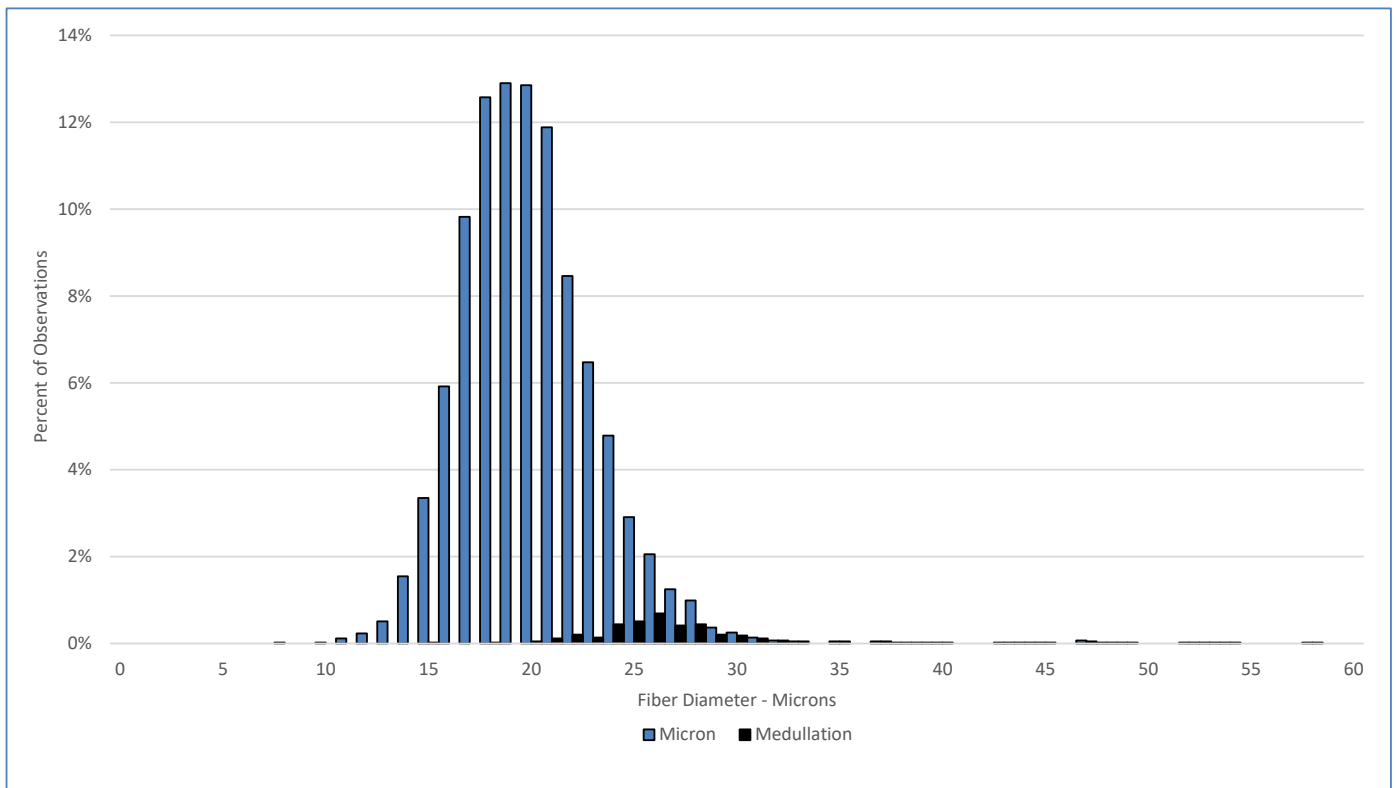
### Animal and Sample Description

Animal Name: Rare Gem Bada Bing  
Registry #: 36141081  
Breed: Huacaya  
Sex: Male  
Colour: 202 - Light Fawn

Date of Birth (Age): 12-Jan-21  
Sample Location: GRID  
Sample Date: 21-Apr-22  
Previous Shear Date: 21-Apr-21  
Total Fleece Wt (lbs): 8.50

### Laboratory Data

Mean Fiber Diameter:	20.1 microns	Mean Staple Length:	109 mm
Standard Deviation:	3.6 microns	Length Standard Deviation:	2.8 mm
Coefficient of Variation:	17.8 %	Length Coefficient of Variation:	2.6 %
Spin Fineness:	19.0 microns	Mean Curvature:	54.3 deg/mm
Fibers Greater Than 30 microns:	0.7 %	SD Curvature:	23.6 deg/mm
Comfort Factor:	99.3 %	Medullated Fibers:	4.1 %



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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