



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

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

Date: 2-Jun-22  
Shear ID: 233537  
Test No: 607401

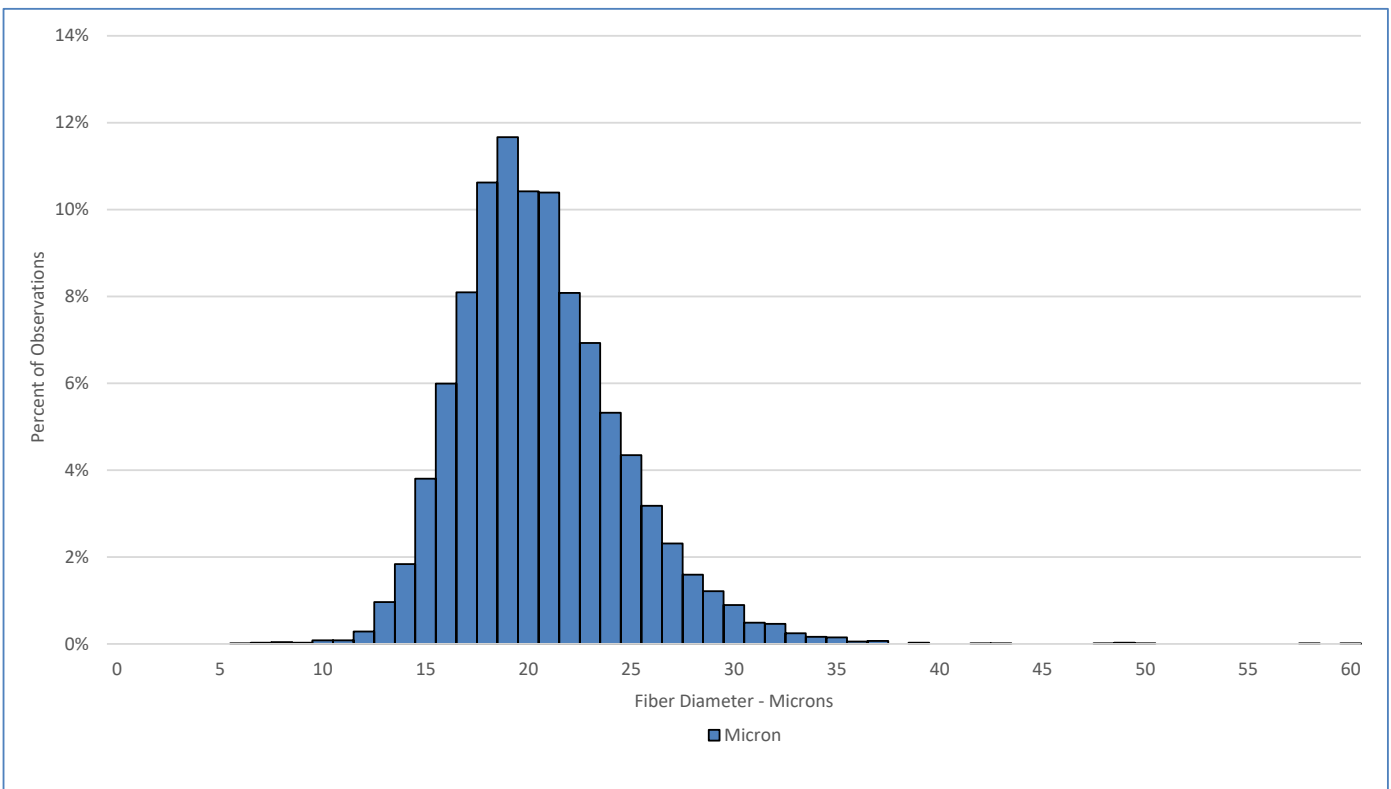
### Animal and Sample Description

Animal Name: Rare Gem Zagato's Cras-Z  
Registry #: 36087600  
Breed: Huacaya  
Sex: Male  
Colour: 204 - Medium Fawn

Date of Birth (Age): 24-Oct-20  
Sample Location: GRID  
Sample Date: 21-Apr-22  
Previous Shear Date: 21-Apr-21  
Total Fleece Wt (lbs): 7.20

### Laboratory Data

Mean Fiber Diameter:	20.6 microns	Mean Staple Length:	99 mm
Standard Deviation:	4.1 microns	Length Standard Deviation:	1.0 mm
Coefficient of Variation:	19.7 %	Length Coefficient of Variation:	1.0 %
Spin Fineness:	19.8 microns	Mean Curvature:	55.2 deg/mm
Fibers Greater Than 30 microns:	1.8 %	SD Curvature:	29.3 deg/mm
Comfort Factor:	98.2 %		



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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