



## 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: 218622  
Test No: 601588

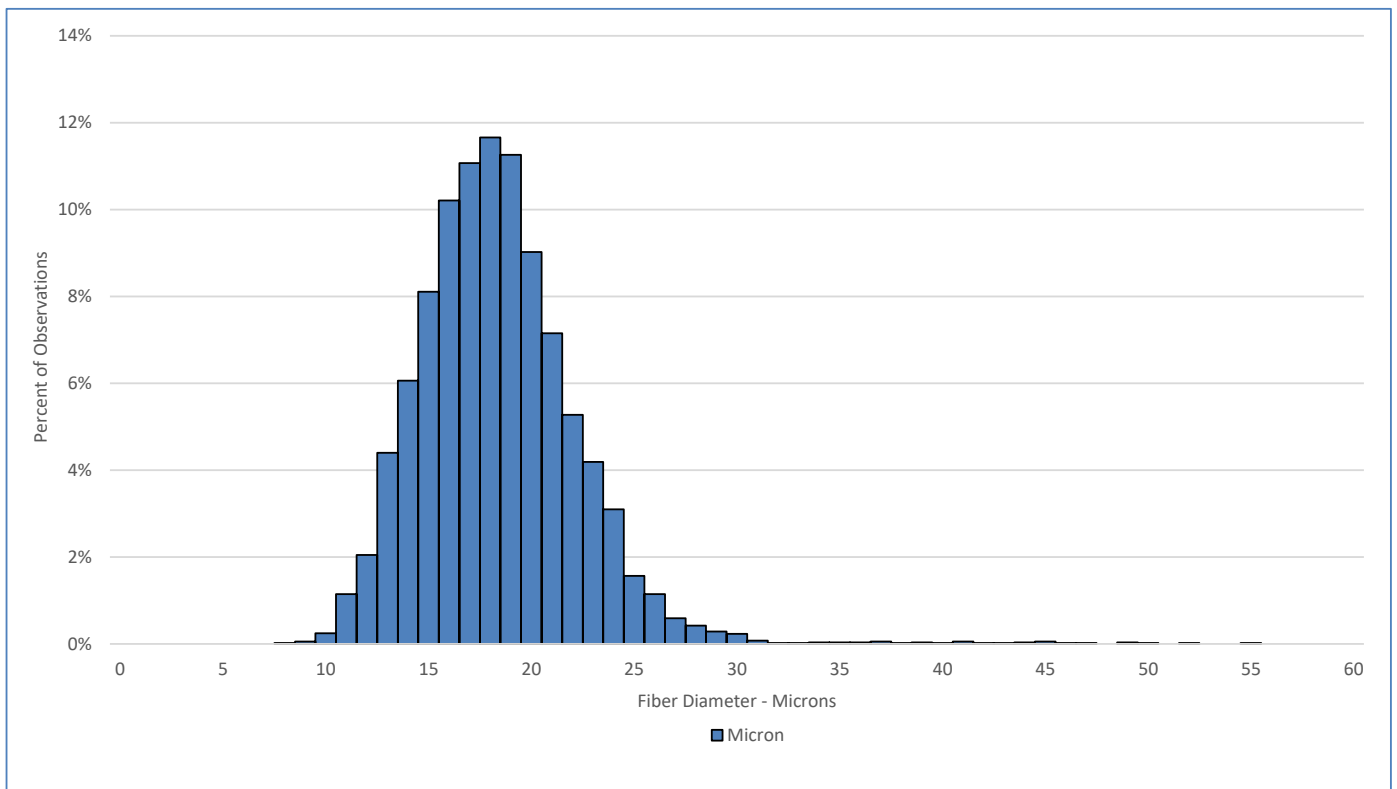
### Animal and Sample Description

Animal Name: Stashires Chanelle  
Registry #: 35074267  
Breed: Huacaya  
Sex: Female  
Colour: 205 - Dark Fawn

Date of Birth (Age): 30-Jul-17  
Sample Location: GRID  
Sample Date: 21-Apr-21  
Previous Shear Date: 21-Apr-20  
Total Fleece Wt (lbs): 7.20

### Laboratory Data

Mean Fiber Diameter:	18.4 microns	Mean Staple Length:	71 mm
Standard Deviation:	4.1 microns	Length Standard Deviation:	6.5 mm
Coefficient of Variation:	22.1 %	Length Coefficient of Variation:	9.1 %
Spin Fineness:	18.1 microns	Mean Curvature:	61.9 deg/mm
Fibers Greater Than 30 microns:	0.7 %	SD Curvature:	31.6 deg/mm
Comfort Factor:	99.3 %		



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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