



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

Alpacas From Mars  
424 153rd Dr SE, Snohomish  
WA 98290, US

Date: 21-Sep-23  
Shear ID: 257947  
Test No: 615460

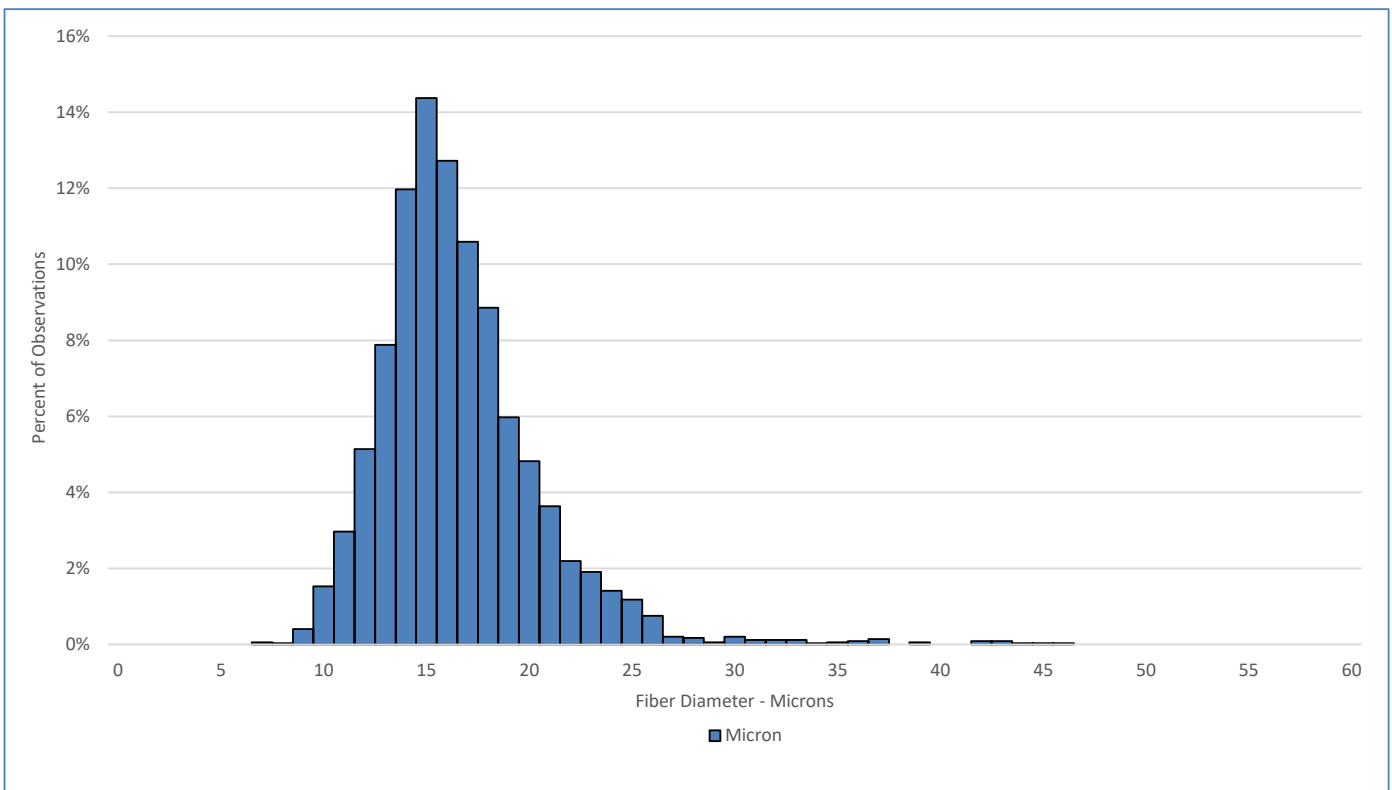
### Animal and Sample Description

Animal Name: Velvetier's Sedona  
Registry #: 36172900  
Breed: Huacaya  
Sex: Male  
Colour: 204 - Medium Fawn

Date of Birth (Age): 5-Sep-21  
Sample Location: GRID  
Sample Date: 29-Apr-23  
Previous Shear Date: 8-May-22  
Total Fleece Wt (lbs): 4.875

### Laboratory Data

Mean Fiber Diameter:	16.6 microns	Mean Staple Length:	104 mm
Standard Deviation:	4.0 microns	Length Standard Deviation:	7.6 mm
Coefficient of Variation:	24.0 %	Length Coefficient of Variation:	7.3 %
Spin Fineness:	16.6 microns	Mean Curvature:	59.9 deg/mm
Fibers Greater Than 30 microns:	1.0 %	SD Curvature:	38.0 deg/mm
Comfort Factor:	99.0 %		



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

[SGS General Terms and Conditions](#)

The validity of this document may be confirmed by contacting the address shown below

SGS NZ LTD - 48 Kemp Street, Kilmorie 6022, Wellington, New Zealand. Tel: 64-4-387 8565 Email: [WoolOnline@sgs.com](mailto:WoolOnline@sgs.com) Web: [www.wooltesting.sgs.com](http://www.wooltesting.sgs.com)