



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

Sunny Alpacas  
9200 Spooner Creek Ln, Blaine  
WA 98230, US

Date: 16-Aug-24  
Shear ID: 269350  
Test No: 619863

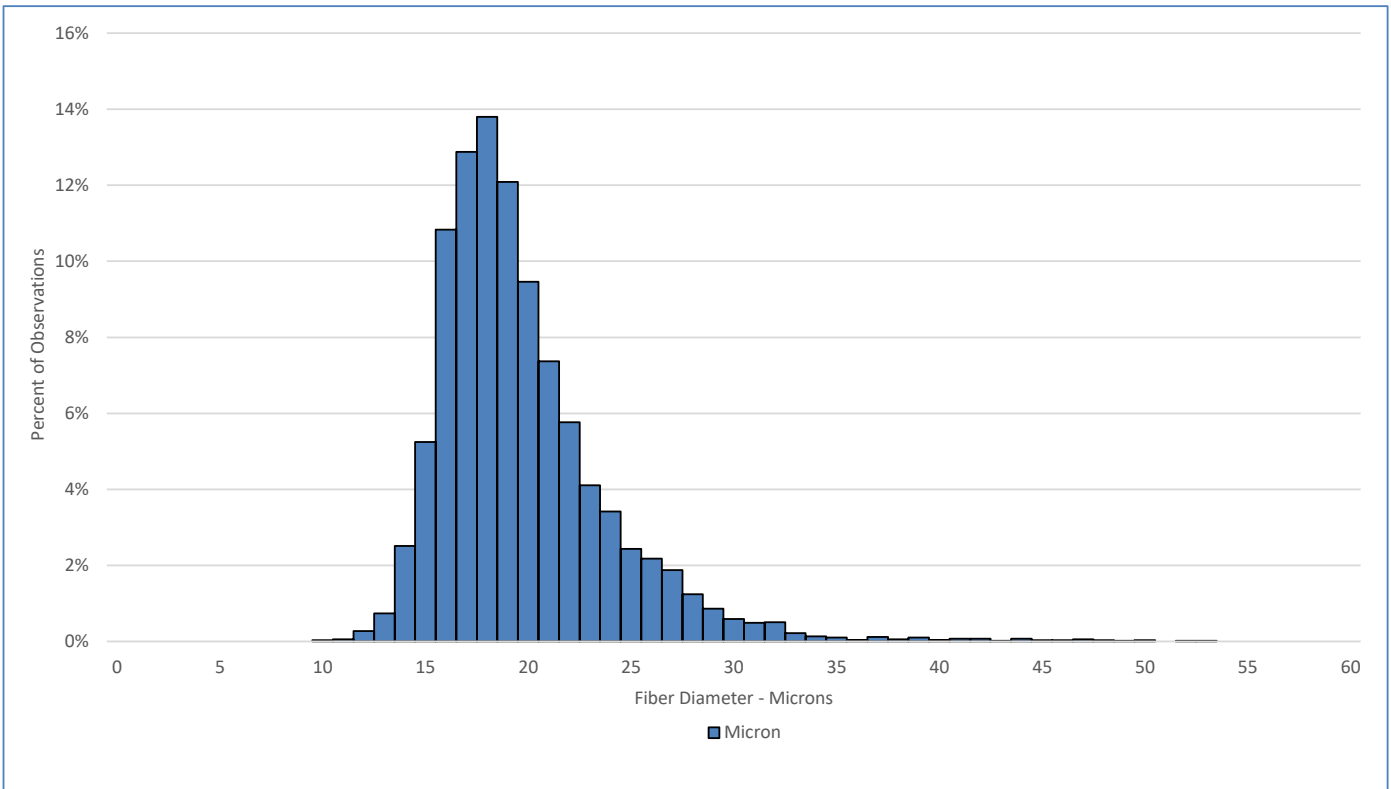
### Animal and Sample Description

Animal Name: Sunny Holy Taeyang  
Registry #: 36156771  
Breed: Huacaya  
Sex: Male  
Colour: 360 - Bay Black

Date of Birth (Age): 7-Sep-23  
Sample Location: GRID  
Sample Date: 11-Jun-24  
Previous Shear Date: 7-Oct-23  
Total Fleece Wt (lbs): 3.8

### Laboratory Data

Mean Fiber Diameter:	19.7 microns	Mean Staple Length:	93 mm
Standard Deviation:	4.3 microns	Length Standard Deviation:	5.6 mm
Coefficient of Variation:	21.6 %	Length Coefficient of Variation:	6.0 %
Spin Fineness:	19.3 microns	Mean Curvature:	47.0 deg/mm
Fibers Greater Than 30 microns:	2.2 %	SD Curvature:	31.4 deg/mm
Comfort Factor:	97.8 %		



### 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)