



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

Long Hollow Suri Alpacas  
698 Wallace Rd, Gallatin  
TN 37066, US

Date: 27-Jul-23  
Shear ID: 251196  
Test No: 613541

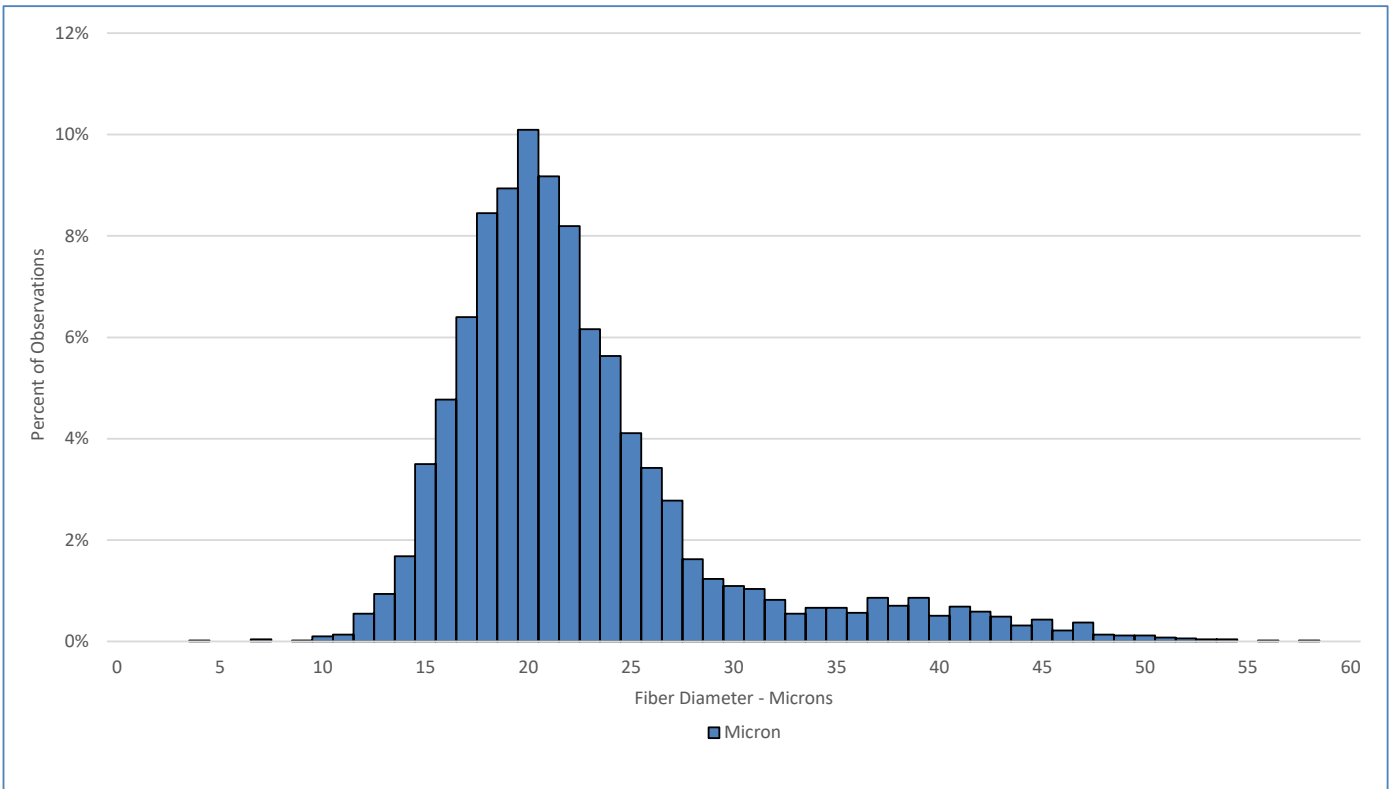
### Animal and Sample Description

Animal Name: LHSA Estrella Oscura  
Registry #: 36271177  
Breed: Suri  
Sex: Female  
Colour: 500 - True Black

Date of Birth (Age): 27-Jun-22  
Sample Location: GRID  
Sample Date: 23-Apr-23  
Previous Shear Date: 23-Apr-23  
Total Fleece Wt (lbs): 2.875

### Laboratory Data

Mean Fiber Diameter:	22.6 microns	Mean Staple Length:	183 mm
Standard Deviation:	6.9 microns	Length Standard Deviation:	3.6 mm
Coefficient of Variation:	30.3 %	Length Coefficient of Variation:	2.0 %
Spin Fineness:	24.0 microns	Mean Curvature:	31.6 deg/mm
Fibers Greater Than 30 microns:	11.0 %	SD Curvature:	18.9 deg/mm
Comfort Factor:	89.0 %		



### 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)