



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

Fosters Trail And Alpaca Farm  
5749 N Lee Hwy Cleveland  
TN 37312 US

Date: 22-Jun-21  
Shear ID: 220815  
Test No: 601895

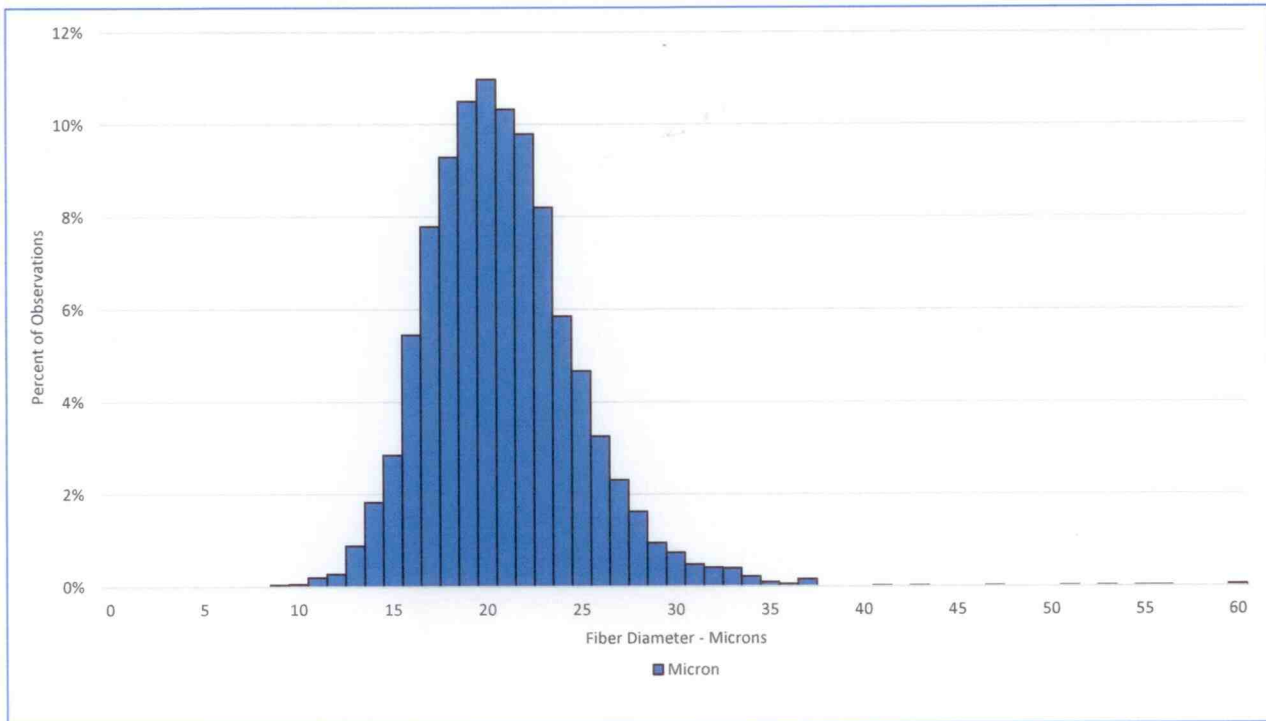
**Animal and Sample Description**

Animal Name: FT Silhouette  
Registry #: 36031603  
Breed: Huacaya  
Sex: Female  
Colour: 500 - True Black

Date of Birth (Age): 3-May-20  
Sample Location: GRID  
Sample Date: 24-Apr-21  
Previous Shear Date: 31-Mar-20  
Total Fleece Wt (lbs): 7.80

**Laboratory Data**

Mean Fiber Diameter:	20.9 microns	Mean Staple Length:	93 mm
Standard Deviation:	4.2 microns	Length Standard Deviation:	2.6 mm
Coefficient of Variation:	20.1 %	Length Coefficient of Variation:	2.8 %
Spin Fineness:	20.2 microns	Mean Curvature:	45.0 deg/mm
Fibers Greater Than 30 microns:	2.1 %	SD Curvature:	17.7 deg/mm
Comfort Factor:	97.9 %		



**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)