



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

Buttermilk Forty Alpacas  
17363 Ream Spring Road, Sedalia  
MO 65301, US

Date: 11-Jul-23  
Shear ID: 246082  
Test No: 613034

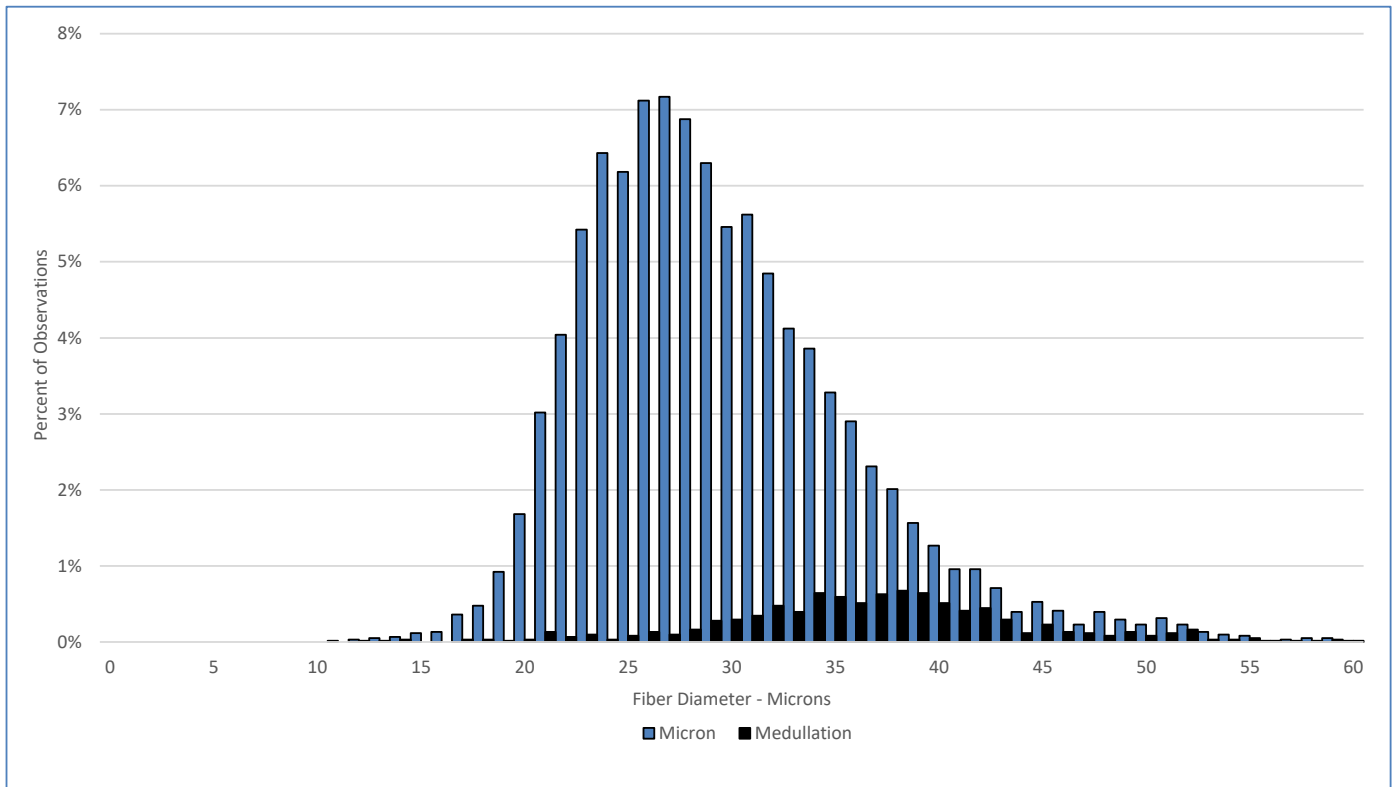
### Animal and Sample Description

Animal Name: TSSS SANSA  
Registry #: 35273165  
Breed: Suri  
Sex: Female  
Colour: 100 - White

Date of Birth (Age): 31-Jul-14  
Sample Location: GRID  
Sample Date: 22-Apr-23  
Previous Shear Date: 11-May-22  
Total Fleece Wt (lbs): 5.00

### Laboratory Data

Mean Fiber Diameter:	29.6 microns	Mean Staple Length:	130 mm
Standard Deviation:	6.8 microns	Length Standard Deviation:	4.1 mm
Coefficient of Variation:	23.0 %	Length Coefficient of Variation:	3.1 %
Spin Fineness:	29.3 microns	Mean Curvature:	27.5 deg/mm
Fibers Greater Than 30 microns:	38.1 %	SD Curvature:	10.5 deg/mm
Comfort Factor:	61.9 %	Medullated Fibers:	9.7 %



### 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, Kilbirnie 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)