



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

Big Timber Alpacas  
19400 SW Heater Road, Sheerwood  
OR 97140, US

Date: 15-Jun-23  
Shear ID: 249579  
Test No: 612525

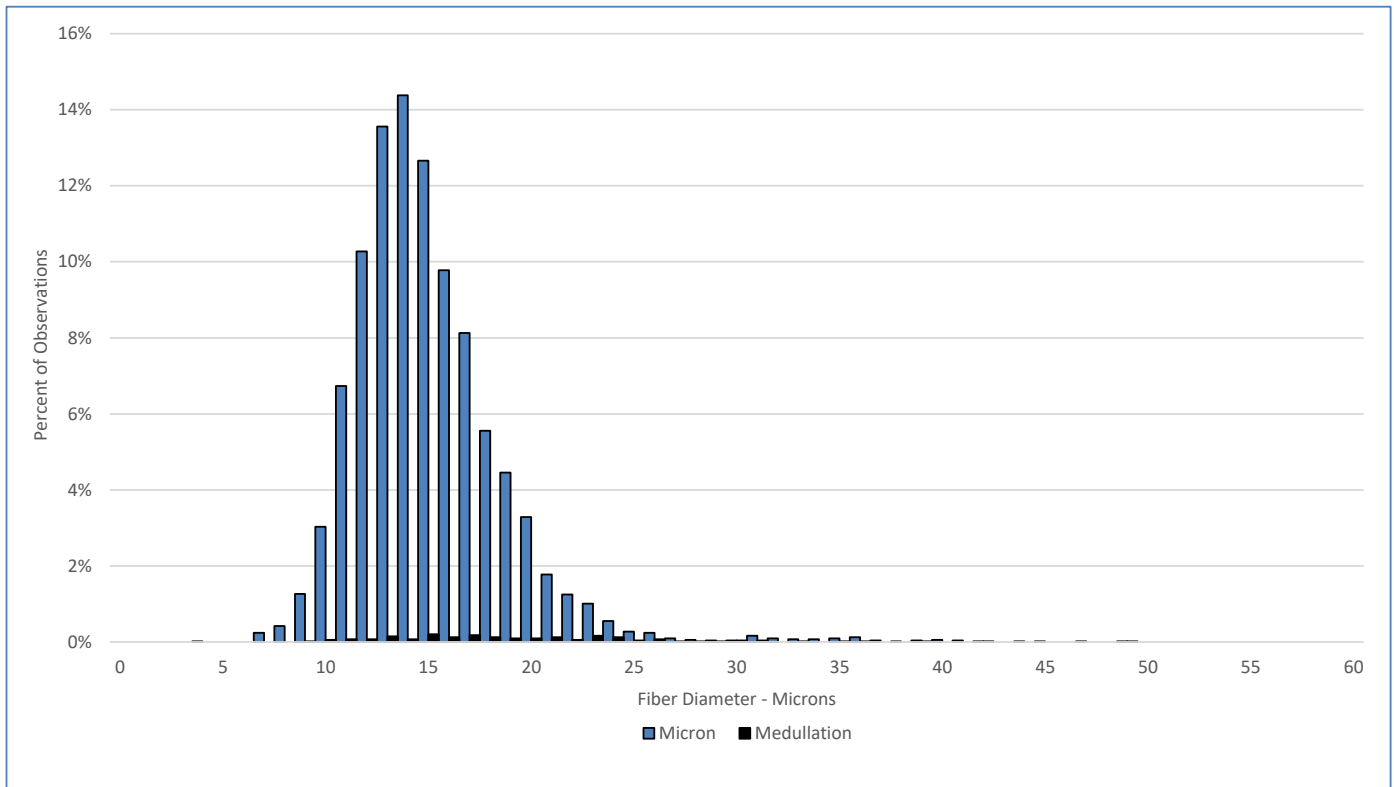
### Animal and Sample Description

Animal Name: BIG TIMBER's SPECTACULAR ELLA  
Registry #: 36223169  
Breed: Suri  
Sex: Female  
Colour: 201 - Beige

Date of Birth (Age): 10-Jul-22  
Sample Location: GRID  
Sample Date: 25-May-23  
Previous Shear Date: 10-Jul-22  
Total Fleece Wt (lbs): 4.3

### Laboratory Data

Mean Fiber Diameter:	15.1 microns	Mean Staple Length:	168 mm
Standard Deviation:	3.8 microns	Length Standard Deviation:	8.9 mm
Coefficient of Variation:	24.9 %	Length Coefficient of Variation:	5.3 %
Spin Fineness:	15.2 microns	Mean Curvature:	34.6 deg/mm
Fibers Greater Than 30 microns:	0.9 %	SD Curvature:	19.9 deg/mm
Comfort Factor:	99.1 %	Medullated Fibers:	2.1 %



### 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)