



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

Big Timber Alpacas Llc  
29400 SW Heater Rd, Sherwood  
OR 97140-5004, US

Date: 18-Jul-22  
Shear ID: 234283  
Test No: 608262

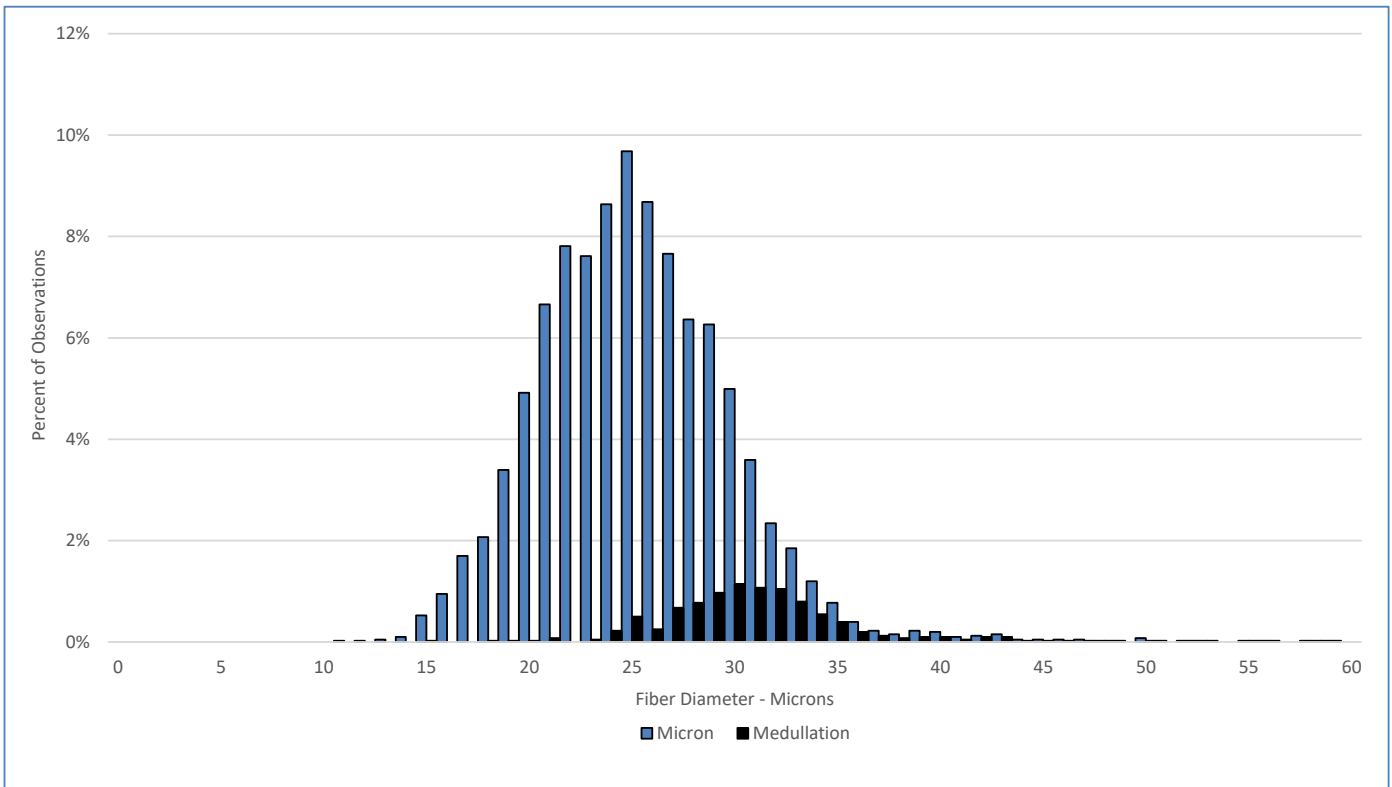
### Animal and Sample Description

Animal Name: Big Timber's Sweet Mimosa  
Registry #: 35392941  
Breed: Suri  
Sex: Female  
Colour: 100 - White

Date of Birth (Age): 19-Aug-17  
Sample Location: GRID  
Sample Date: 24-May-22  
Previous Shear Date: 20-Apr-21  
Total Fleece Wt (lbs): 5.70

### Laboratory Data

|                                 |              |                                  |             |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter:            | 25.4 microns | Mean Staple Length:              | 152 mm      |
| Standard Deviation:             | 4.9 microns  | Length Standard Deviation:       | 2.3 mm      |
| Coefficient of Variation:       | 19.4 %       | Length Coefficient of Variation: | 1.5 %       |
| Spin Fineness:                  | 24.4 microns | Mean Curvature:                  | 27.8 deg/mm |
| Fibers Greater Than 30 microns: | 11.9 %       | SD Curvature:                    | 10.9 deg/mm |
| Comfort Factor:                 | 88.1 %       | Medullated Fibers:               | 9.9 %       |



### 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)