



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

Big Timber Alpacas  
29400 Sw Heater Road, Sherwood  
Oregon 97140 US

Date: 9-Jun-21  
Shear ID: 218926  
Test No: 601657

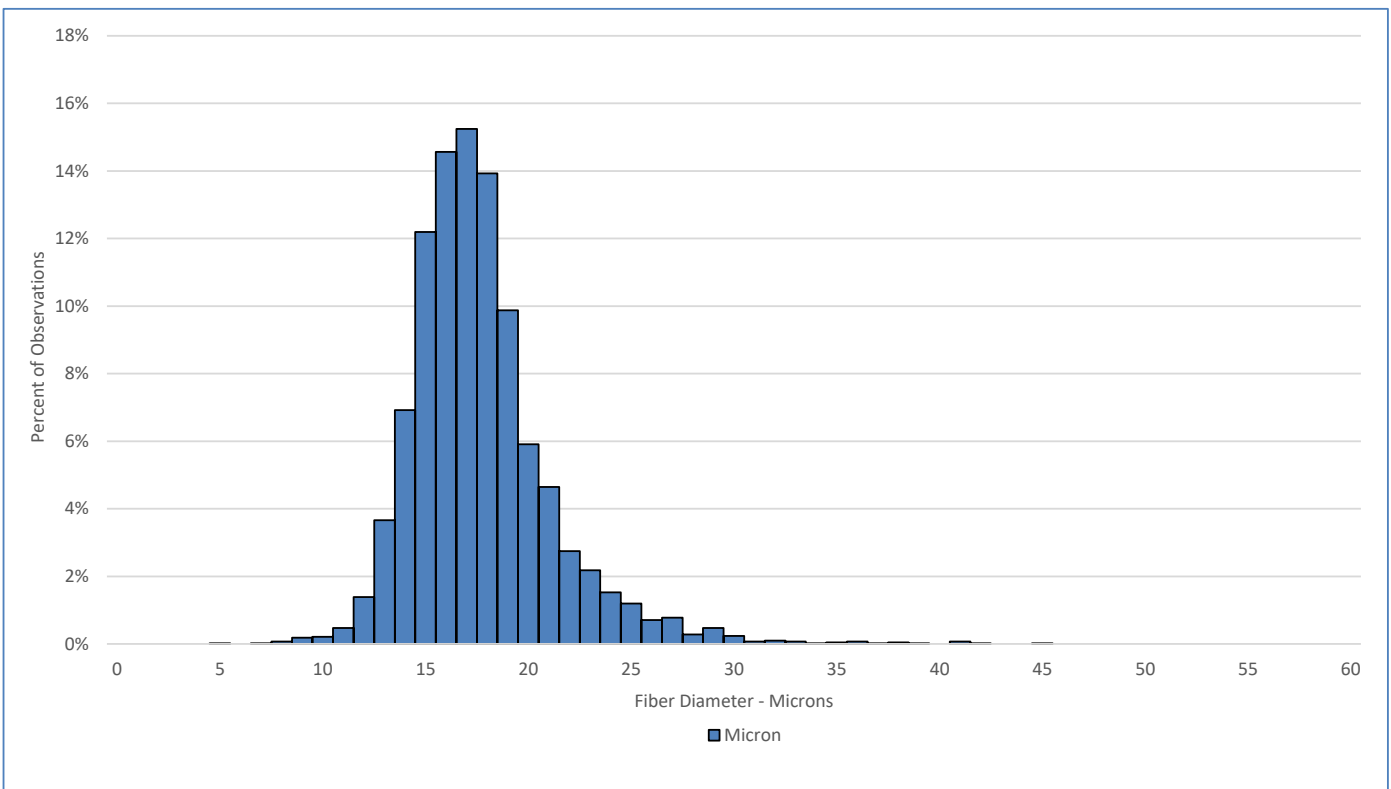
### Animal and Sample Description

Animal Name: Big Timber Eclipses Ebony Blaze  
Registry #: 36056286  
Breed: Huacaya  
Sex: Female  
Colour: 500 – True Black

Date of Birth (Age): 7-Aug-20  
Sample Location: GRID  
Sample Date: 25-May-21  
Previous Shear Date: 7-Aug-20  
Total Fleece Wt (lbs): 5.10

### Laboratory Data

|                                 |              |                                  |             |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter:            | 17.7 microns | Mean Staple Length:              | 131 mm      |
| Standard Deviation:             | 3.5 microns  | Length Standard Deviation:       | 6.9 mm      |
| Coefficient of Variation:       | 19.6 %       | Length Coefficient of Variation: | 5.3 %       |
| Spin Fineness:                  | 17.0 microns | Mean Curvature:                  | 45.4 deg/mm |
| Fibers Greater Than 30 microns: | 0.6 %        | SD Curvature:                    | 19.5 deg/mm |
| Comfort Factor:                 | 99.4 %       |                                  |             |



### 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)