



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

Heart & Soul Alpacas  
26 Bench Road, Whitehall  
MT 59759, US

Date: 10-Sep-21  
Shear ID: 228053  
Test No: 604540

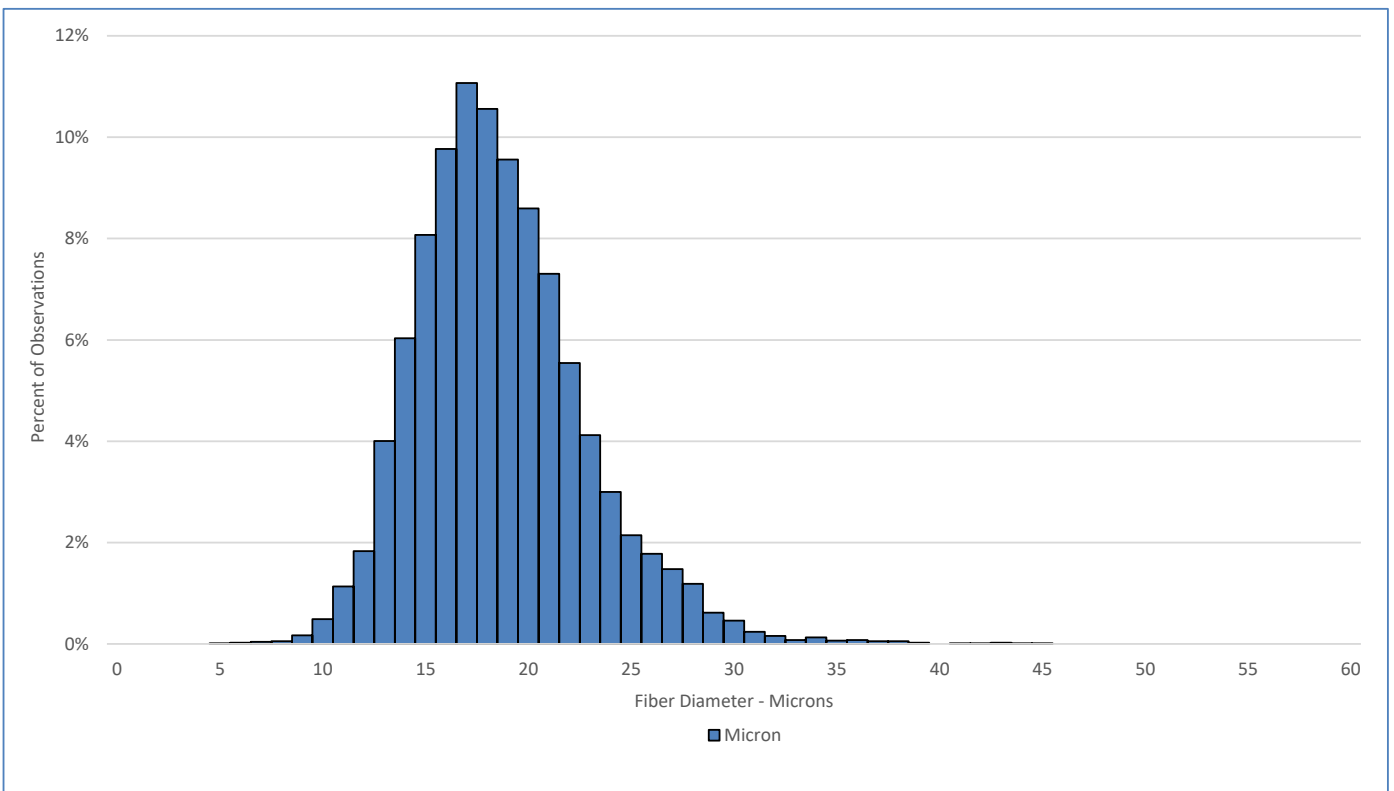
### Animal and Sample Description

Animal Name: H & S Leap of Faith  
Registry #: 35095545  
Breed: Suri  
Sex: Female  
Colour: 410 - Dark Brown

Date of Birth (Age): 16-Mar-19  
Sample Location: GRID  
Sample Date: 4-May-21  
Previous Shear Date: 20-Apr-20  
Total Fleece Wt (lbs):

### Laboratory Data

|                                 |              |                                  |             |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter:            | 18.7 microns | Mean Staple Length:              | 133 mm      |
| Standard Deviation:             | 4.2 microns  | Length Standard Deviation:       | 6.3 mm      |
| Coefficient of Variation:       | 22.3 %       | Length Coefficient of Variation: | 4.8 %       |
| Spin Fineness:                  | 18.4 microns | Mean Curvature:                  | 30.4 deg/mm |
| Fibers Greater Than 30 microns: | 1.0 %        | SD Curvature:                    | 13.2 deg/mm |
| Comfort Factor:                 | 99.0 %       |                                  |             |



### Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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SGS NZ LTD - 48 Kemp Street, Kibbirnie 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)