



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

Shambalah Alpaca Ranch  
7157 E Park Dr, Franktown  
CO 80116, US

Date: 2-Jul-21  
Shear ID: 219313  
Test No: 602334

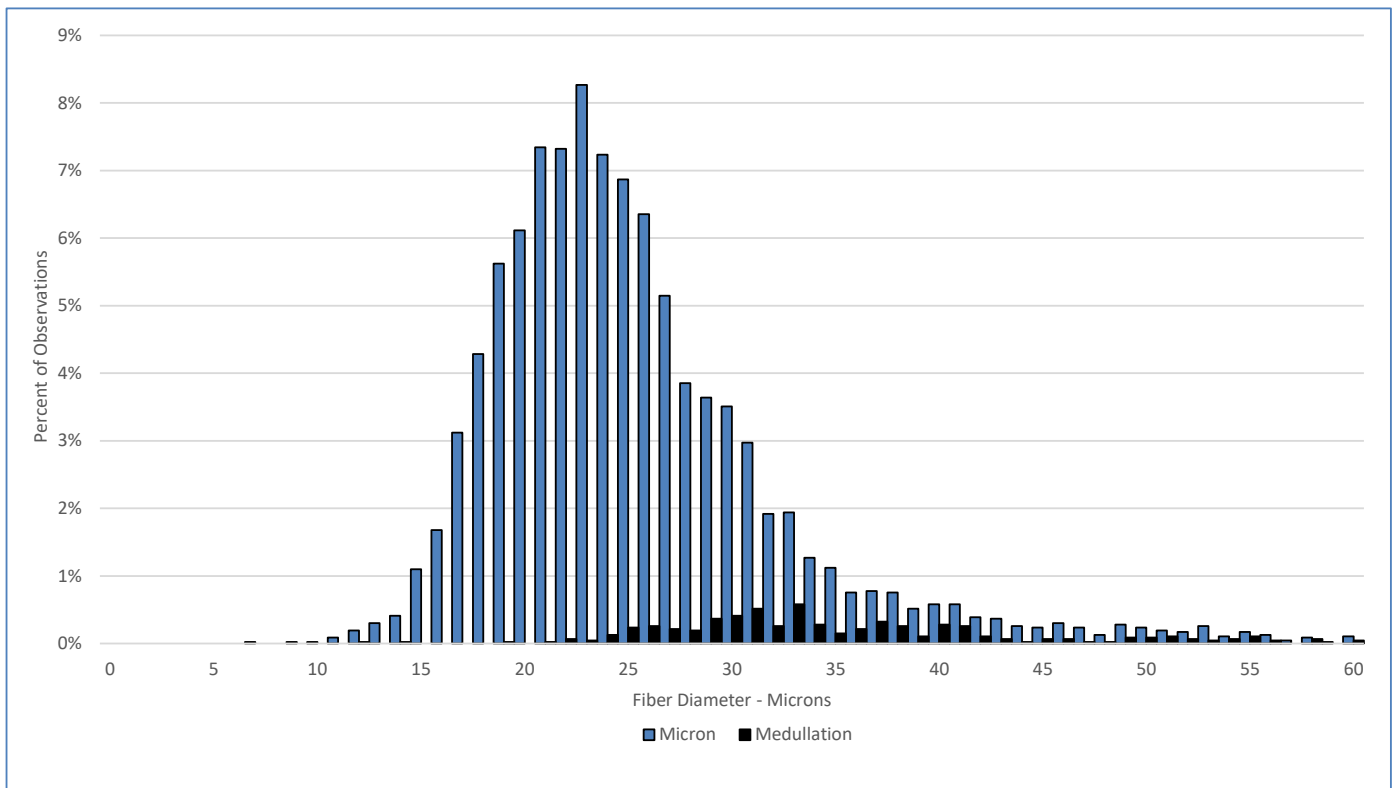
### Animal and Sample Description

Animal Name: Shambalahs Foxx On The Run  
Registry #: 32779875  
Breed: Suri  
Sex: Female  
Colour: 201 - Beige

Date of Birth (Age): 12-Sep-13  
Sample Location: GRID  
Sample Date: 29-May-21  
Previous Shear Date: 30-May-20  
Total Fleece Wt (lbs): 4.38

### Laboratory Data

|                                 |              |                                  |             |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter:            | 25.6 microns | Mean Staple Length:              | 117 mm      |
| Standard Deviation:             | 7.7 microns  | Length Standard Deviation:       | 9.4 mm      |
| Coefficient of Variation:       | 30.1 %       | Length Coefficient of Variation: | 8.0 %       |
| Spin Fineness:                  | 27.2 microns | Mean Curvature:                  | 29.8 deg/mm |
| Fibers Greater Than 30 microns: | 17.5 %       | SD Curvature:                    | 16.9 deg/mm |
| Comfort Factor:                 | 82.5 %       | Medullated Fibers:               | 6.6 %       |



### 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, 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)