



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

Spirit Falls Alpaca Ranch  
72 McNichols Rd. Cook  
WA 98605-9075, US

Date: 3-Sep-21  
Shear ID: 225903  
Test No: 604388

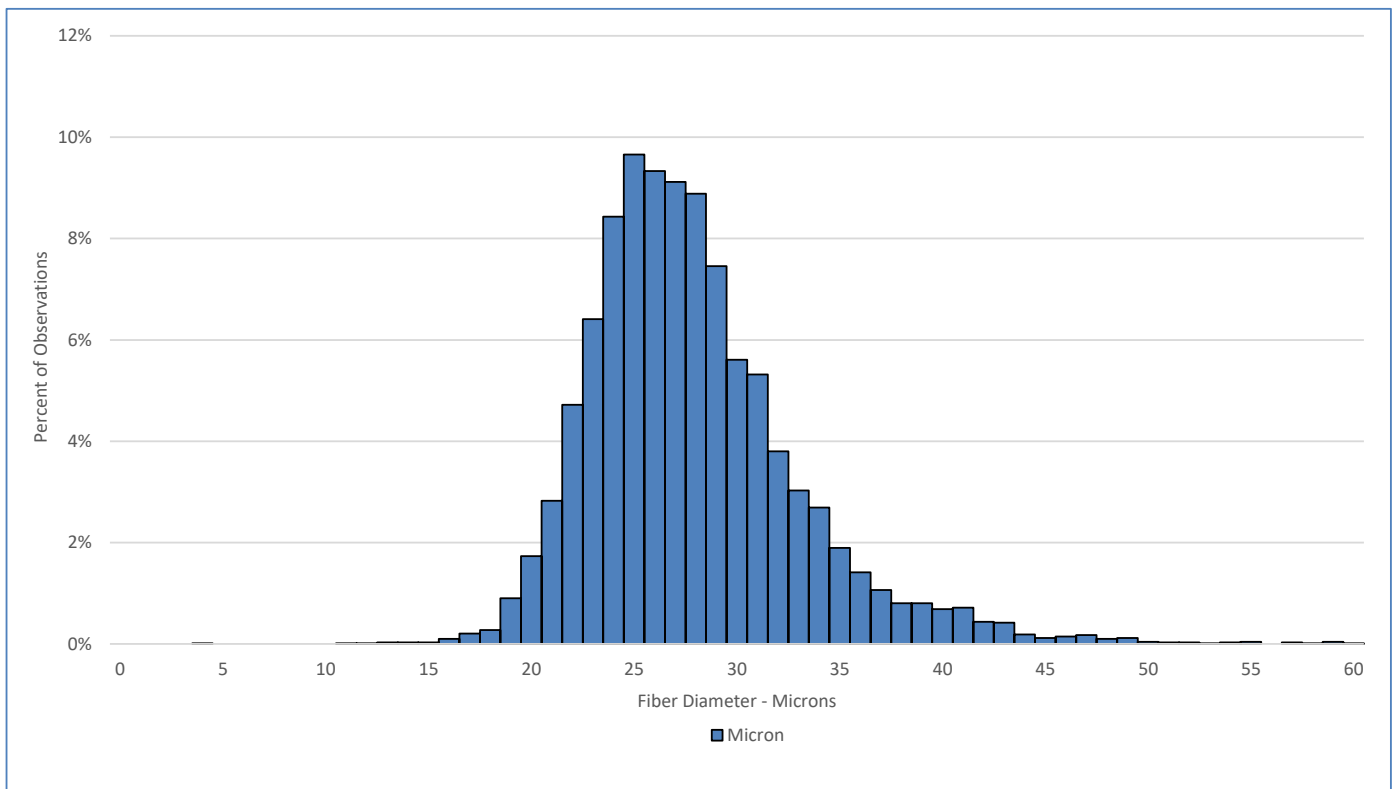
### Animal and Sample Description

Animal Name: Aoa Surpreme Peruvian Victory D1648  
Registry #: 31556385  
Breed: Huacaya  
Sex: Female  
Colour: 205 - Dark Fawn

Date of Birth (Age): 12-Jun-08  
Sample Location: GRID  
Sample Date: 1-May-21  
Previous Shear Date: 27-May-20  
Total Fleece Wt (lbs): 4.40

### Laboratory Data

|                                 |              |                                  |             |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter:            | 27.9 microns | Mean Staple Length:              | 69 mm       |
| Standard Deviation:             | 5.2 microns  | Length Standard Deviation:       | 4.3 mm      |
| Coefficient of Variation:       | 18.6 %       | Length Coefficient of Variation: | 6.3 %       |
| Spin Fineness:                  | 26.6 microns | Mean Curvature:                  | 42.3 deg/mm |
| Fibers Greater Than 30 microns: | 24.2 %       | SD Curvature:                    | 14.7 deg/mm |
| Comfort Factor:                 | 75.8 %       |                                  |             |



### 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)