



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

Stirling Ridge Alpacas  
5120 Robinson Park Rd, Moscow  
ID 83843, US

Date: 4-Oct-24  
Shear ID: 269009  
Test No: 621899

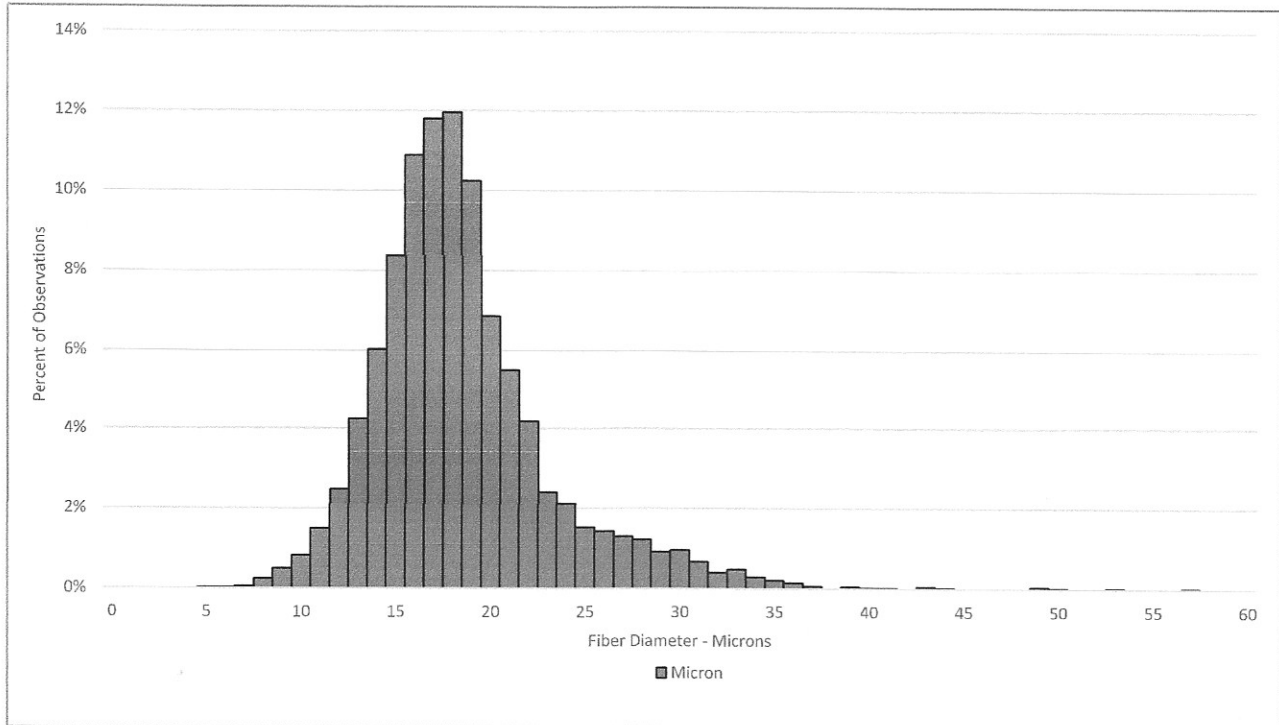
**Animal and Sample Description**

Animal Name: STIRLING RIDGE BAELEIGH  
Registry #: 36254064  
Breed: Huacaya  
Sex: Female  
Colour: 209 - Light Brown

Date of Birth (Age): 7-Jun-23  
Sample Location: GRID  
Sample Date: 6-Jun-24  
Previous Shear Date: 3-Jun-23  
Total Fleece Wt (lbs): 4.51

**Laboratory Data**

|                                 |              |                                  |             |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter:            | 18.5 microns | Mean Staple Length:              | 130 mm      |
| Standard Deviation:             | 4.7 microns  | Length Standard Deviation:       | 1.2 mm      |
| Coefficient of Variation:       | 25.6 %       | Length Coefficient of Variation: | 1.0 %       |
| Spin Fineness:                  | 18.7 microns | Mean Curvature:                  | 39.9 deg/mm |
| Fibers Greater Than 30 microns: | 2.5 %        | SD Curvature:                    | 34.6 deg/mm |
| Comfort Factor:                 | 97.5 %       |                                  |             |



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

Jeremy Wear  
Business Manager

Ioasa Kosena  
Authorised Signatory

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The validity of this document may be confirmed by contacting the address shown below

SGS NZ LTD - 48 Kemp Street, Kilbirnie 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)