



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

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

Date: 16-Aug-23  
Shear ID: 250098  
Test No: 614325

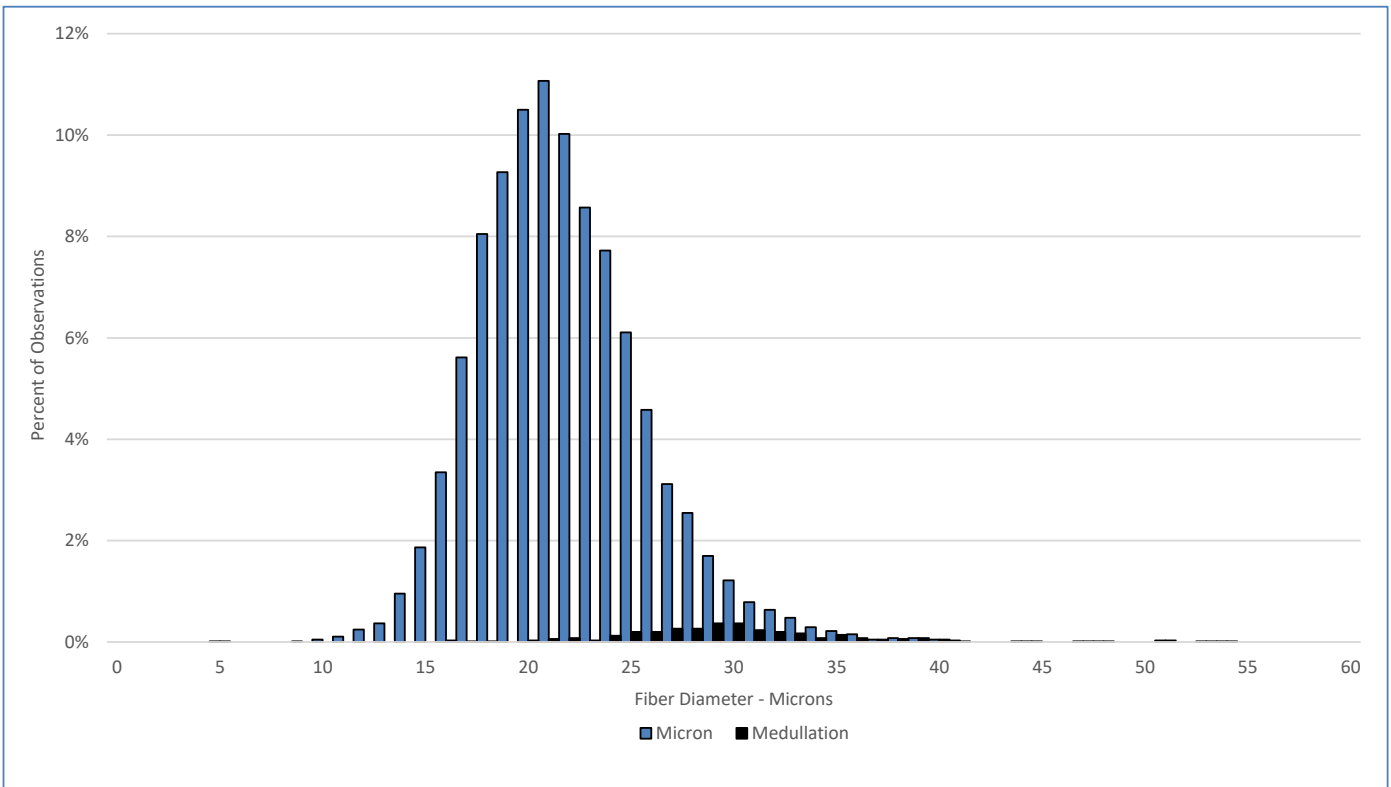
### Animal and Sample Description

Animal Name: SFAR Josephine  
Registry #: 35354932  
Breed: Huacaya  
Sex: Female  
Colour: 100 - White

Date of Birth (Age): 24-Aug-20  
Sample Location: GRID  
Sample Date: 29-Apr-23  
Previous Shear Date: 30-Apr-22  
Total Fleece Wt (lbs): 7.20

### Laboratory Data

Mean Fiber Diameter:	21.8 microns	Mean Staple Length:	121 mm
Standard Deviation:	4.2 microns	Length Standard Deviation:	3.1 mm
Coefficient of Variation:	19.0 %	Length Coefficient of Variation:	2.5 %
Spin Fineness:	20.9 microns	Mean Curvature:	48.4 deg/mm
Fibers Greater Than 30 microns:	3.0 %	SD Curvature:	25.3 deg/mm
Comfort Factor:	97.0 %	Medullated Fibers:	3.3 %



### 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)