



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

Sweetgrass And Sage Alpaca And Wellness Farm  
301 Pleasant Hill Rd #19, Chehalis  
WA 98532, US

Date: 12-Jun-24  
Shear ID: 262511  
Test No: 618642

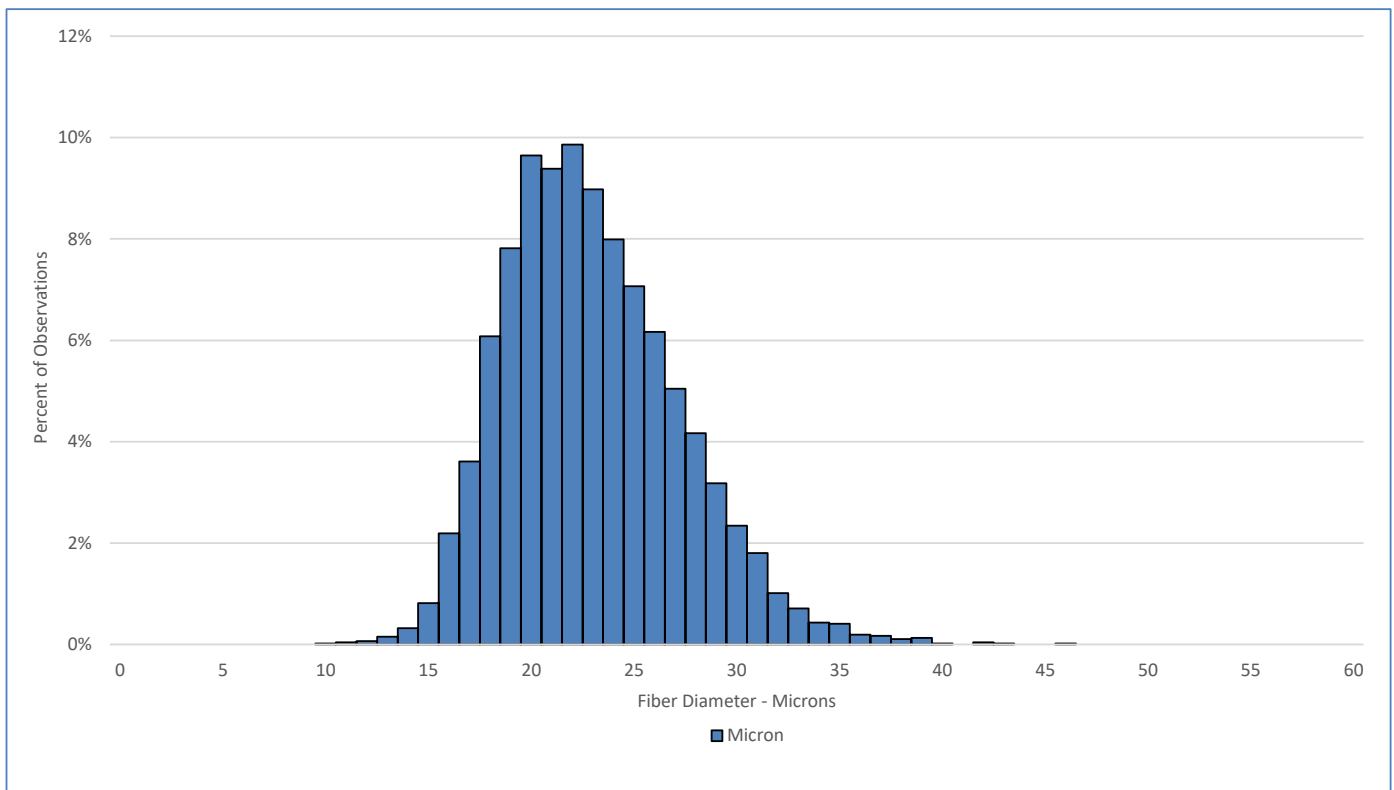
### Animal and Sample Description

Animal Name: Mortimer  
Registry #: 35447276  
Breed: Huacaya  
Sex: Male  
Colour: 301 - Medium Brown

Date of Birth (Age): 24-Jun-19  
Sample Location: GRID  
Sample Date: 27-May-24  
Previous Shear Date: 29-May-23  
Total Fleece Wt (lbs): 8

### Laboratory Data

Mean Fiber Diameter:	23.0 microns	Mean Staple Length:	107 mm
Standard Deviation:	4.3 microns	Length Standard Deviation:	4.8 mm
Coefficient of Variation:	18.5 %	Length Coefficient of Variation:	4.4 %
Spin Fineness:	21.9 microns	Mean Curvature:	50.2 deg/mm
Fibers Greater Than 30 microns:	5.1 %	SD Curvature:	37.7 deg/mm
Comfort Factor:	94.9 %		



### 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)