



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

Sawdust Alpacas  
4270 Equestrian Dr, Fallon  
NV 89406, US

Date: 14-Aug-24  
Shear ID: 261543  
Test No: 619720

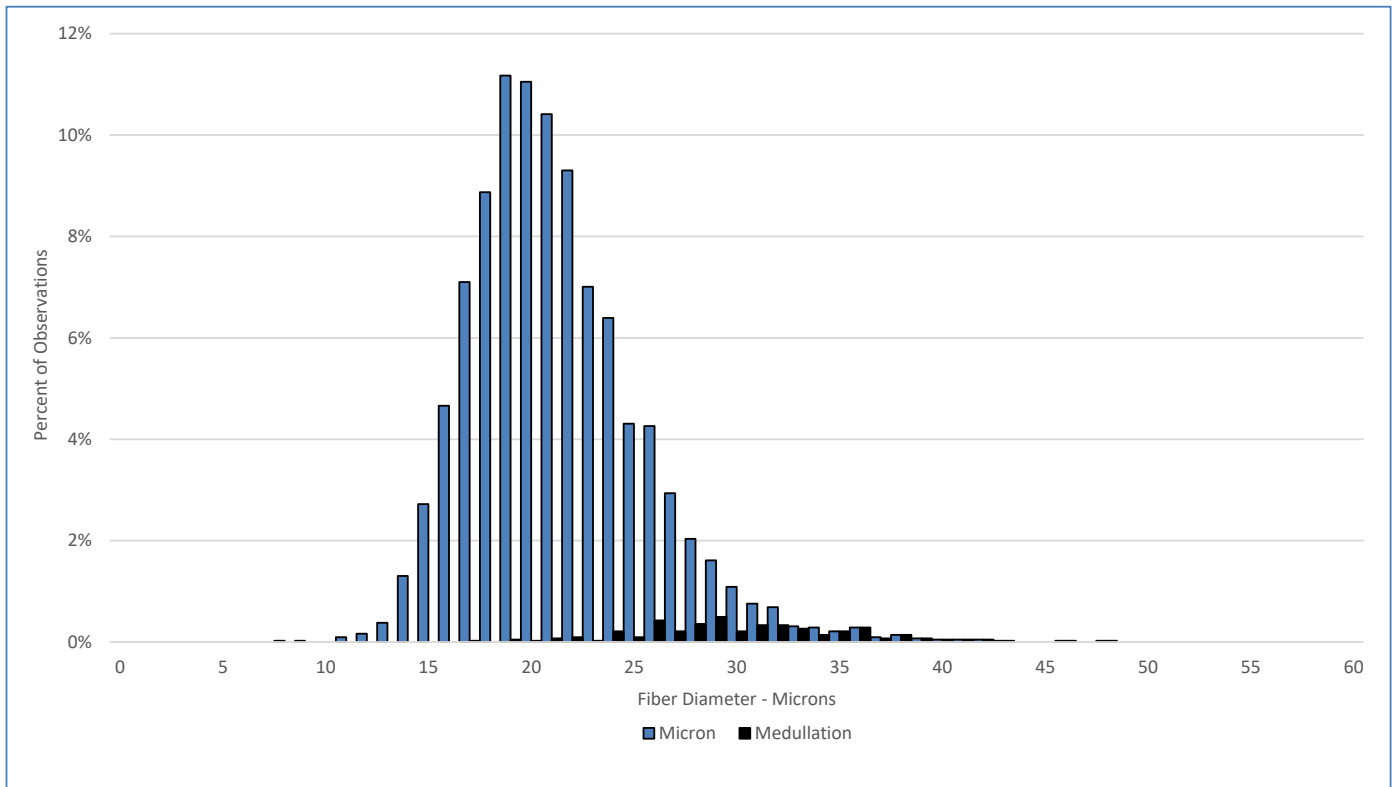
### Animal and Sample Description

Animal Name: MOUNTAIN SKY'S FROSTED SKYE  
Registry #: 35371984  
Breed: Huacaya  
Sex: Female  
Colour: 202 - Light Fawn

Date of Birth (Age): 17-Jul-16  
Sample Location: GRID  
Sample Date: 9-May-24  
Previous Shear Date: 17-Apr-23  
Total Fleece Wt (lbs): 6.10

### Laboratory Data

Mean Fiber Diameter:	21.3 microns	Mean Staple Length:	75 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	7.7 mm
Coefficient of Variation:	21.0 %	Length Coefficient of Variation:	10.3 %
Spin Fineness:	20.8 microns	Mean Curvature:	55.1 deg/mm
Fibers Greater Than 30 microns:	3.1 %	SD Curvature:	39.6 deg/mm
Comfort Factor:	96.9 %	Medullated Fibers:	4.4 %



### 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, 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)