



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

Sugar Hollow Farm Alpacas  
9955 Masters Rd, Waynesboro  
PA 17268, US

Date: 20-Jun-24  
Shear ID: 259834  
Test No: 618787

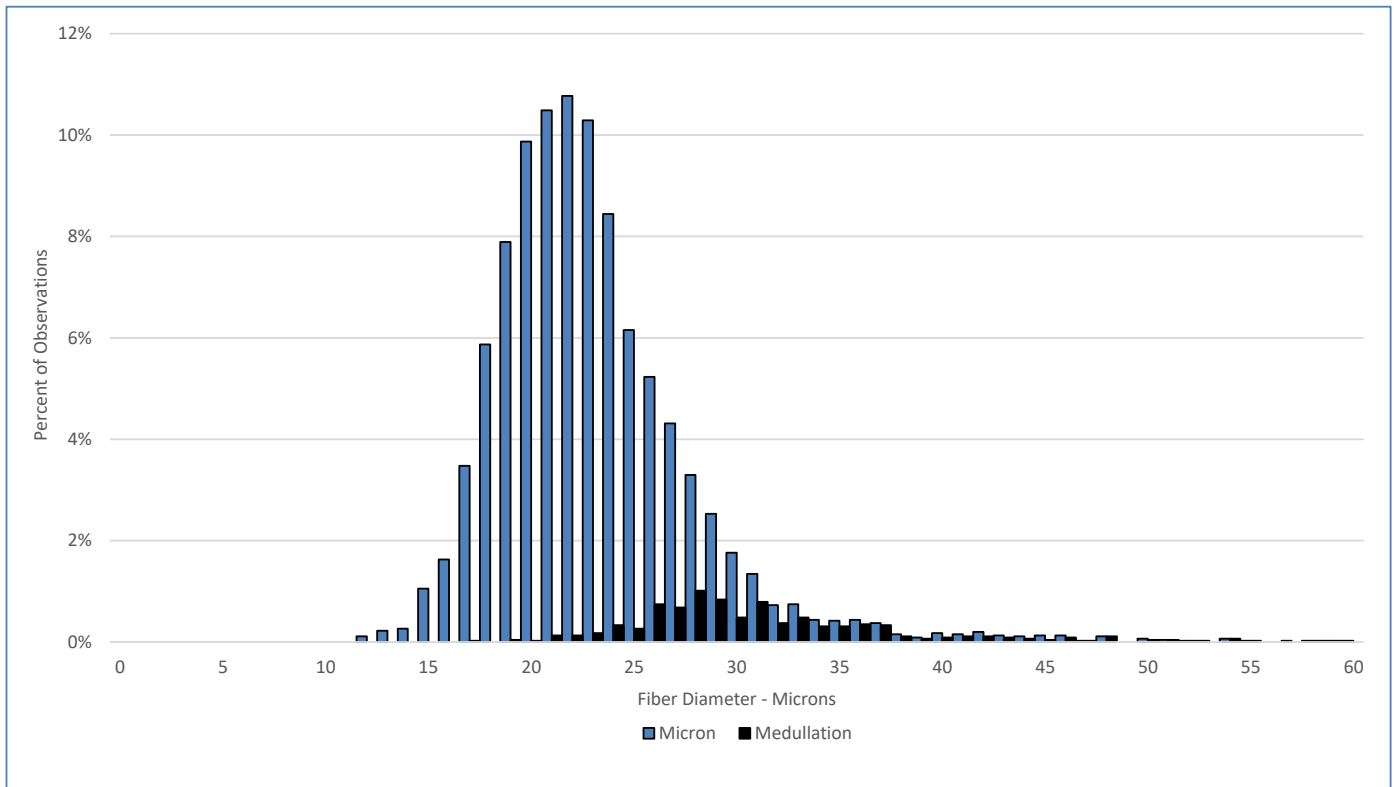
### Animal and Sample Description

Animal Name: KING LEONIDUS' TINY DANCER  
Registry #: 35198840  
Breed: Huacaya  
Sex: Female  
Colour: 201 - Beige

Date of Birth (Age): 23-May-18  
Sample Location: GRID  
Sample Date: 1-May-24  
Previous Shear Date: 26-Apr-23  
Total Fleece Wt (lbs): 4.8

### Laboratory Data

Mean Fiber Diameter:	23.2 microns	Mean Staple Length:	78 mm
Standard Deviation:	5.5 microns	Length Standard Deviation:	3.6 mm
Coefficient of Variation:	23.8 %	Length Coefficient of Variation:	4.6 %
Spin Fineness:	23.1 microns	Mean Curvature:	47.3 deg/mm
Fibers Greater Than 30 microns:	6.3 %	SD Curvature:	35.2 deg/mm
Comfort Factor:	93.7 %	Medullated Fibers:	9.1 %



### 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)