



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

Stargazer Ranch  
3800 Saulcy Ct, Loveland  
CO 80537, US

Date: 1-Nov-22  
Shear ID: 239437  
Test No: 609104

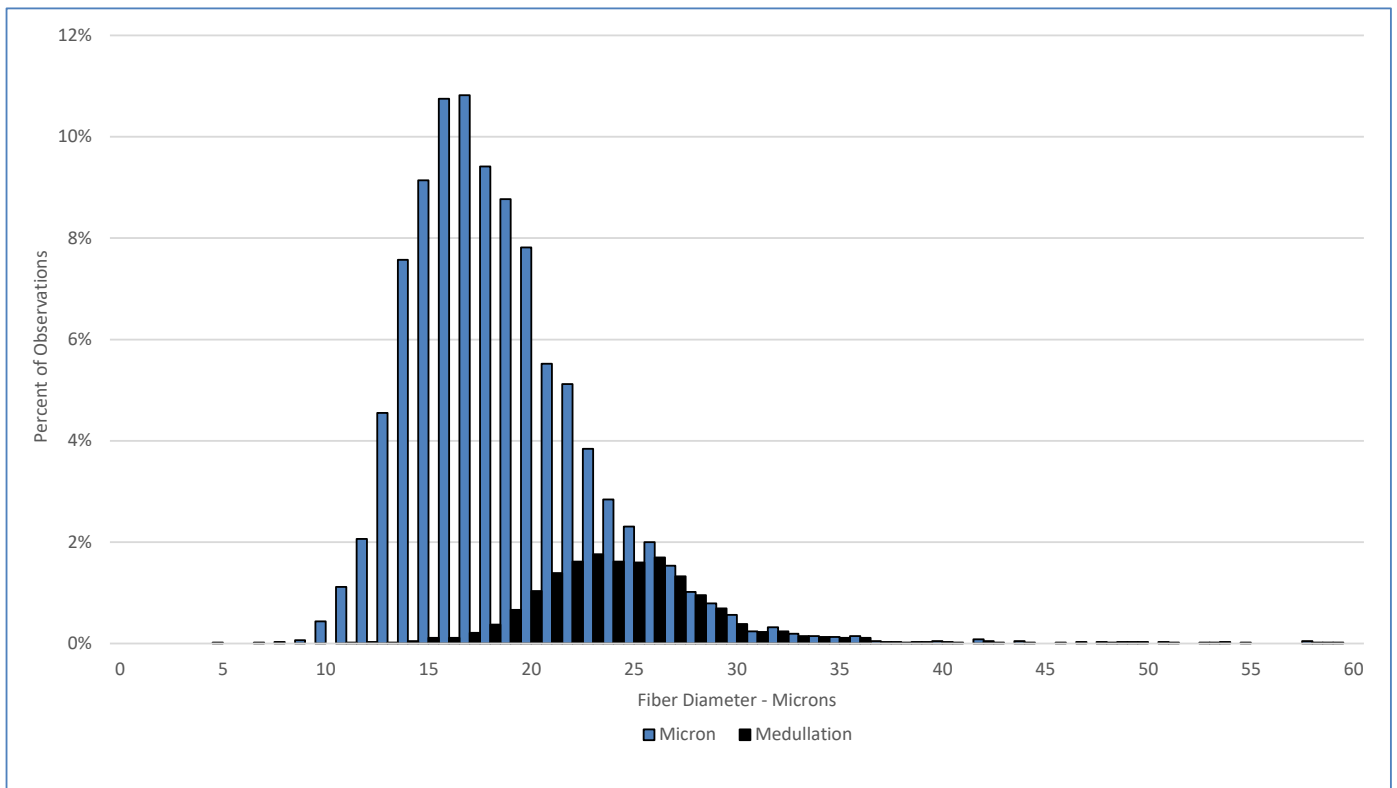
### Animal and Sample Description

Animal Name: Stargazer's Epic  
Registry #: 36031528  
Breed: Huacaya  
Sex: Male  
Colour: 201 - Beige

Date of Birth (Age): 2-Jul-20  
Sample Location: GRID  
Sample Date: 15-May-22  
Previous Shear Date: 22-May-21  
Total Fleece Wt (lbs): 7.0

### Laboratory Data

Mean Fiber Diameter:	18.7 microns	Mean Staple Length:	127 mm
Standard Deviation:	5.0 microns	Length Standard Deviation:	0.9 mm
Coefficient of Variation:	26.6 %	Length Coefficient of Variation:	0.7 %
Spin Fineness:	19.2 microns	Mean Curvature:	47.8 deg/mm
Fibers Greater Than 30 microns:	1.9 %	SD Curvature:	22.1 deg/mm
Comfort Factor:	98.1 %	Medullated Fibers:	16.9 %



### 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, 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)