



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

Rhonda Deschner  
PO Box 919, Wimberley  
TX 78676, US

Date: 10-Jun-22  
Shear ID: 230371  
Test No: 607518

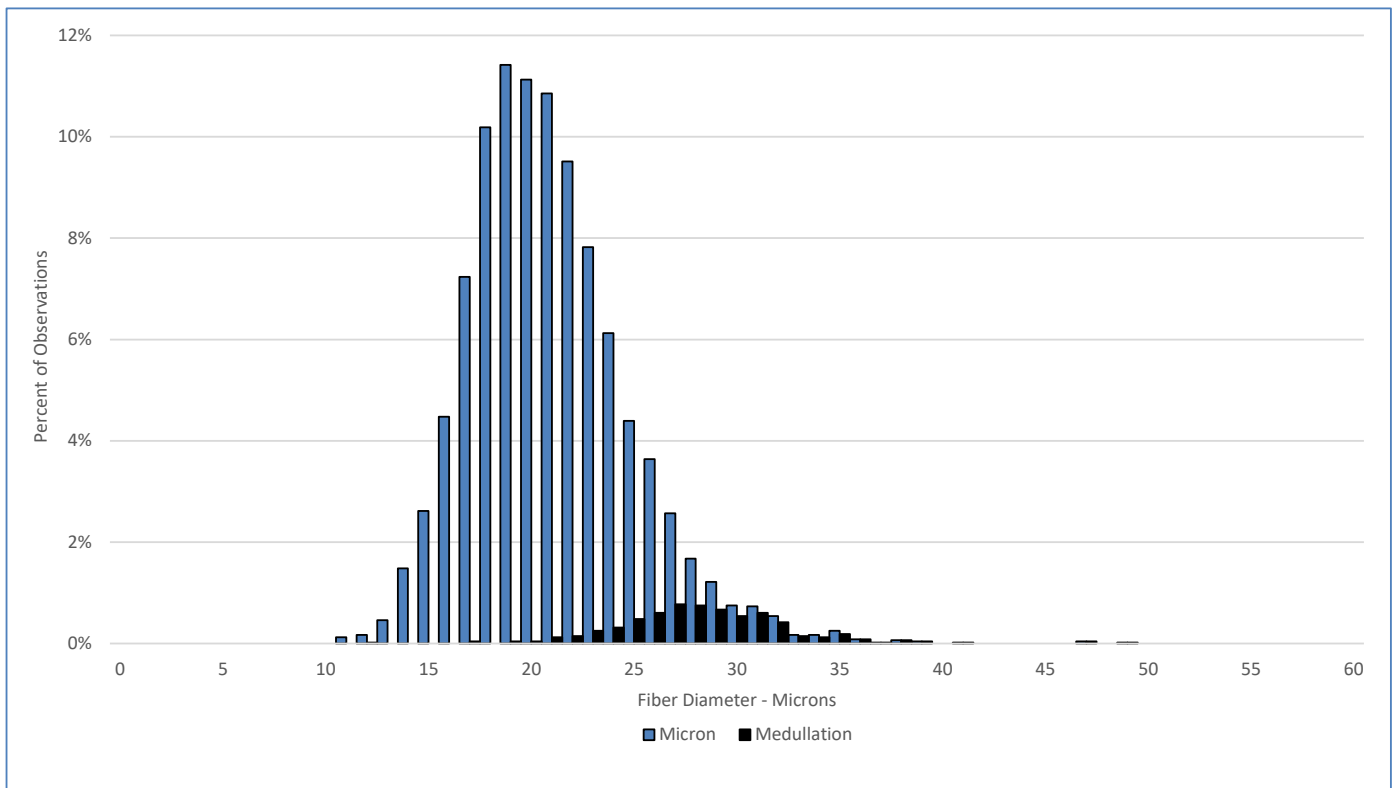
### Animal and Sample Description

Animal Name: TP Elixir's Mahana  
Registry #: 35456452  
Breed: Huacaya  
Sex: Female  
Colour: 100 - White

Date of Birth (Age): 5-Nov-19  
Sample Location: GRID  
Sample Date: 10-Apr-22  
Previous Shear Date: 3-Apr-21  
Total Fleece Wt (lbs): 8.4

### Laboratory Data

Mean Fiber Diameter:	21.0 microns	Mean Staple Length:	87 mm
Standard Deviation:	3.9 microns	Length Standard Deviation:	1.4 mm
Coefficient of Variation:	18.6 %	Length Coefficient of Variation:	1.6 %
Spin Fineness:	20.0 microns	Mean Curvature:	54.6 deg/mm
Fibers Greater Than 30 microns:	2.2 %	SD Curvature:	21.9 deg/mm
Comfort Factor:	97.8 %	Medullated Fibers:	6.6 %



### 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)