



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

Tierra Prometida Alpacas  
4805 Farm To Market 32, Fischer  
TX 78623, US

Date: 26-May-23  
Shear ID: 248067  
Test No: 612284

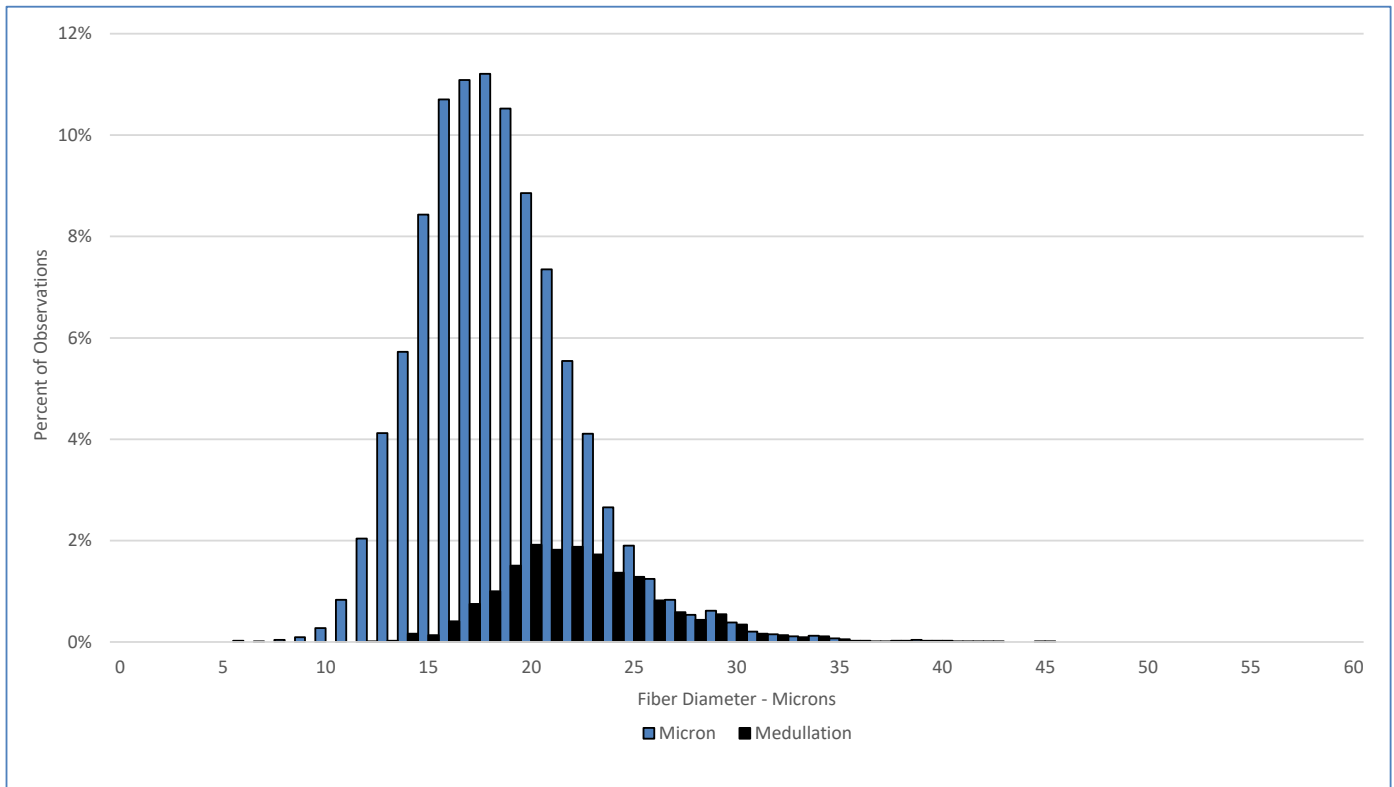
### Animal and Sample Description

Animal Name: TP GUARDIAN OF LEGEND  
Registry #: 32547597  
Breed: Huacaya  
Sex: Male  
Colour: 100 - White

Date of Birth (Age): 26-Mar-17  
Sample Location: GRID  
Sample Date: 8-Apr-23  
Previous Shear Date: 10-Apr-22  
Total Fleece Wt (lbs): 7.3

### Laboratory Data

Mean Fiber Diameter:	18.5 microns	Mean Staple Length:	96 mm
Standard Deviation:	3.9 microns	Length Standard Deviation:	2.7 mm
Coefficient of Variation:	21.0 %	Length Coefficient of Variation:	2.8 %
Spin Fineness:	18.0 microns	Mean Curvature:	49.6 deg/mm
Fibers Greater Than 30 microns:	0.8 %	SD Curvature:	20.2 deg/mm
Comfort Factor:	99.2 %	Medullated Fibers:	17.5 %



### 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)