



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Shambalah Alpaca Ranch
7157 E Park Dr, Franktown
CO 80116, US

Date: 2-Jul-21
Shear ID: 219324
Test No: 602348

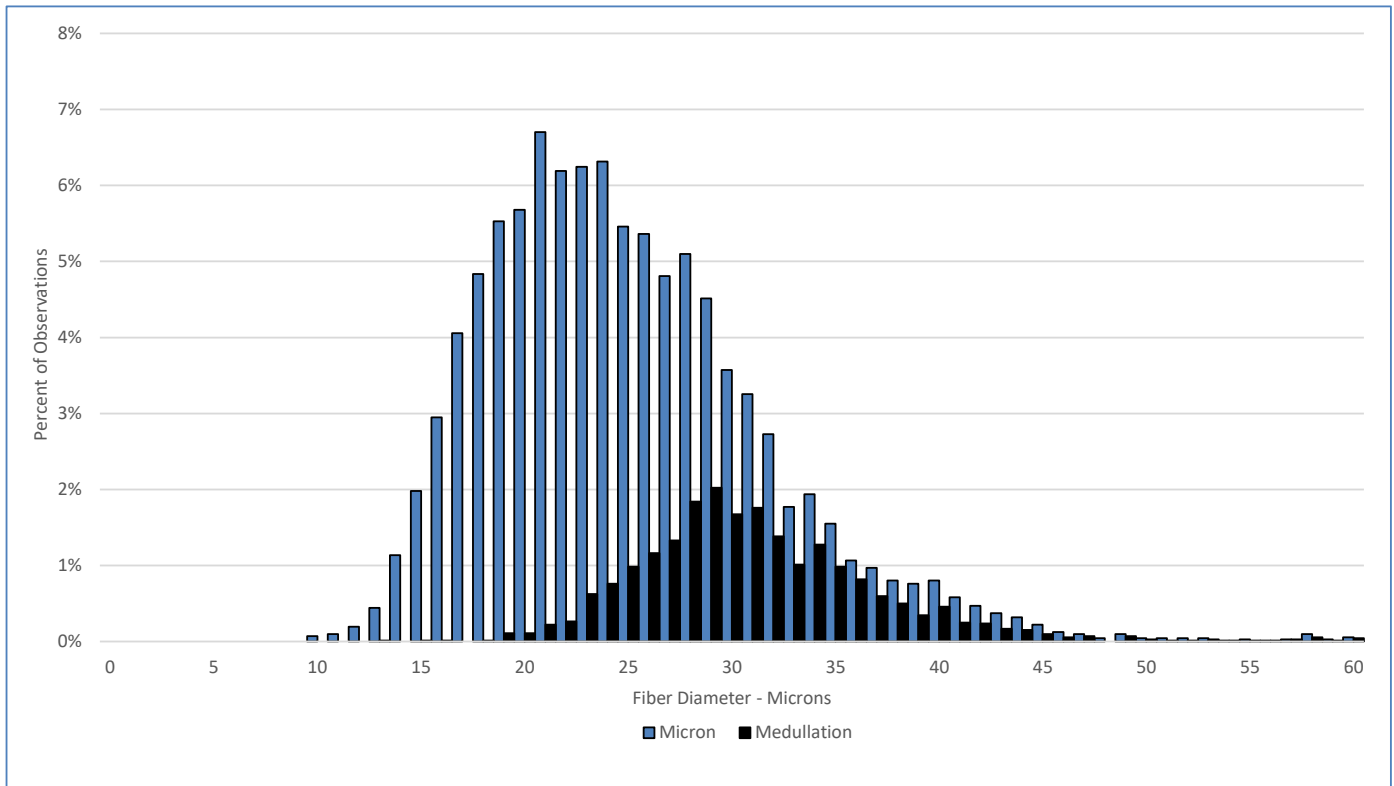
Animal and Sample Description

Animal Name: Shambalahs Rebel Rebel by Nico
Registry #: 35411840
Breed: Suri
Sex: Male
Colour: 201 - Beige

Date of Birth (Age): 14-Aug-18
Sample Location: GRID
Sample Date: 29-May-21
Previous Shear Date: 30-May-20
Total Fleece Wt (lbs): 6.50

Laboratory Data

Mean Fiber Diameter:	25.2 microns	Mean Staple Length:	165 mm
Standard Deviation:	7.2 microns	Length Standard Deviation:	4.8 mm
Coefficient of Variation:	28.6 %	Length Coefficient of Variation:	2.9 %
Spin Fineness:	26.3 microns	Mean Curvature:	29.7 deg/mm
Fibers Greater Than 30 microns:	18.8 %	SD Curvature:	15.4 deg/mm
Comfort Factor:	81.2 %	Medullated Fibers:	21.9 %



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, Kilmorie 6022, Wellington, New Zealand. Tel: 64-4-387 8565 Email: WoolOnline@sgs.com Web: www.wooltesting.sgs.com