



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 27-Oct-22
Shear ID: 242984
Test No: 611038

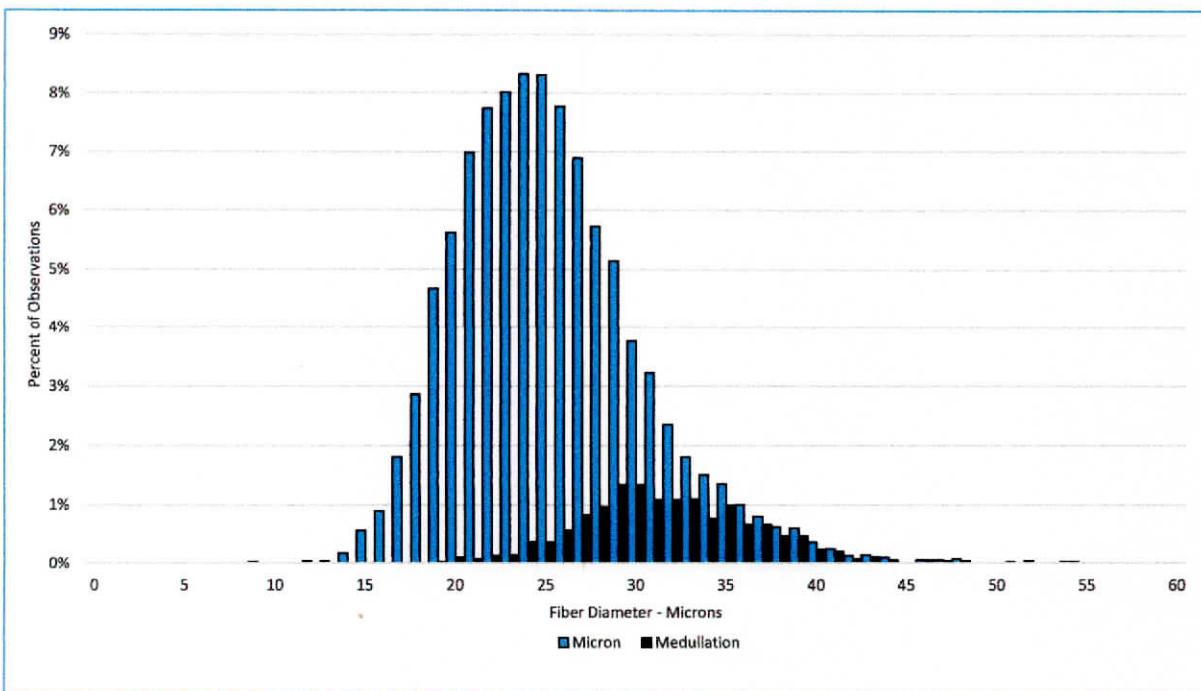
Animal and Sample Description

Animal Name: Pucara Puresuri Kahuna's Lexus
Registry #: 32816587
Breed: Suri
Sex: Male
Colour: 100 - White

Date of Birth (Age): 6-Jul-13
Sample Location: GRID
Sample Date: 29-May-22
Previous Shear Date: 29-May-21
Total Fleece Wt (lbs): 7.50

Laboratory Data

Mean Fiber Diameter:	25.3 microns	Mean Staple Length:	140 mm
Standard Deviation:	5.2 microns	Length Standard Deviation:	4.5 mm
Coefficient of Variation:	20.6 %	Length Coefficient of Variation:	3.2 %
Spin Fineness:	24.5 microns	Mean Curvature:	27.7 deg/mm
Fibers Greater Than 30 microns:	14.5 %	SD Curvature:	8.8 deg/mm
Comfort Factor:	85.5 %	Medullated Fibers:	14.3 %



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