



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: 219319
Test No: 602329

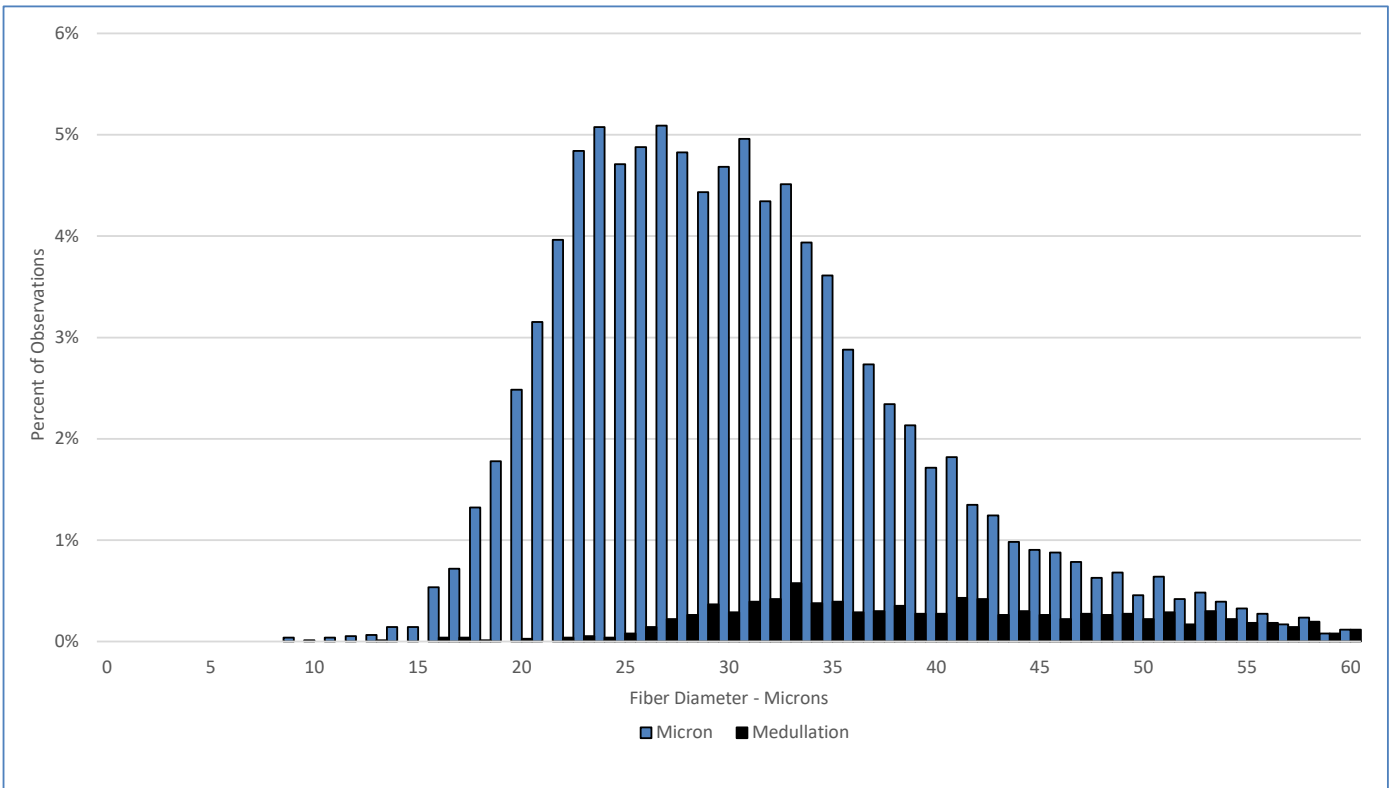
Animal and Sample Description

Animal Name: Shambalahs Diamonds and Pearls
Registry #: 35130079
Breed: Suri
Sex: Female
Colour: 201 - Beige

Date of Birth (Age): 22-Jun-16
Sample Location: GRID
Sample Date: 29-May-21
Previous Shear Date: 30-May-20
Total Fleece Wt (lbs): 7.13

Laboratory Data

Mean Fiber Diameter:	31.2 microns	Mean Staple Length:	134 mm
Standard Deviation:	9.2 microns	Length Standard Deviation:	7.6 mm
Coefficient of Variation:	29.5 %	Length Coefficient of Variation:	5.7 %
Spin Fineness:	33.0 microns	Mean Curvature:	27.7 deg/mm
Fibers Greater Than 30 microns:	47.0 %	SD Curvature:	10.6 deg/mm
Comfort Factor:	53.0 %	Medullated Fibers:	11.0 %



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 Web: www.wooltesting.sgs.com