



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Rare Gem Alpacas
30049 Stephanie St, Hemet
CA 92543, US

Date: 2-Jun-22
Shear ID: 233539
Test No: 607381

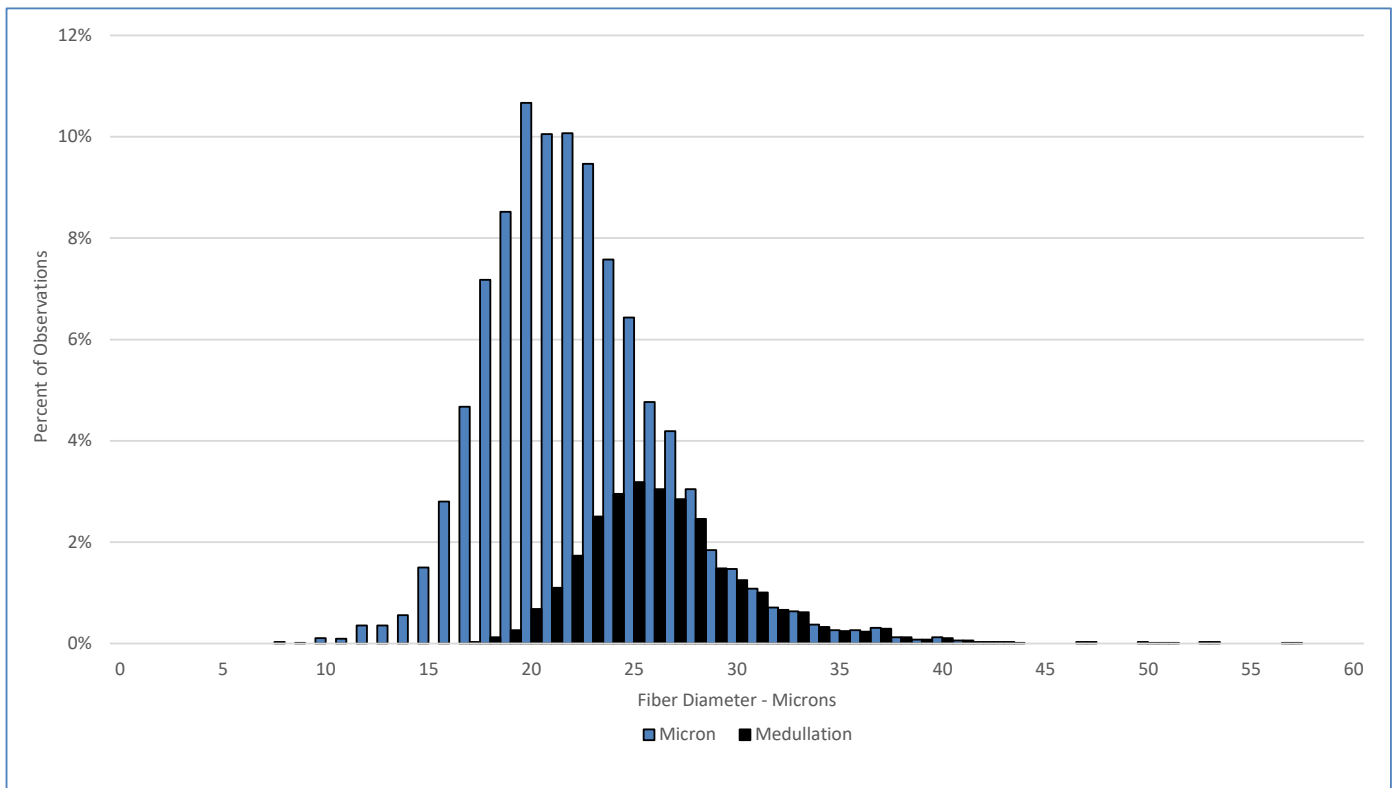
Animal and Sample Description

Animal Name: Snowmass Andean Diamond
Registry #: 36088201
Breed: Huacaya
Sex: Female
Colour: 202 - Light Fawn

Date of Birth (Age): 19-Apr-19
Sample Location: GRID
Sample Date: 21-Apr-22
Previous Shear Date: 6-May-21
Total Fleece Wt (lbs): 8.60

Laboratory Data

Mean Fiber Diameter:	22.3 microns	Mean Staple Length:	103 mm
Standard Deviation:	4.7 microns	Length Standard Deviation:	3.0 mm
Coefficient of Variation:	20.9 %	Length Coefficient of Variation:	2.9 %
Spin Fineness:	21.7 microns	Mean Curvature:	49.5 deg/mm
Fibers Greater Than 30 microns:	4.2 %	SD Curvature:	19.4 deg/mm
Comfort Factor:	95.8 %	Medullated Fibers:	27.6 %



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 Web: www.wooltesting.sgs.com