



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Rare Gem Alpacas
3507 W Stetson Ave 202, Hemet
92545 US

Date: 2-Jun-21
Shear ID: 218613
Test No: 601599

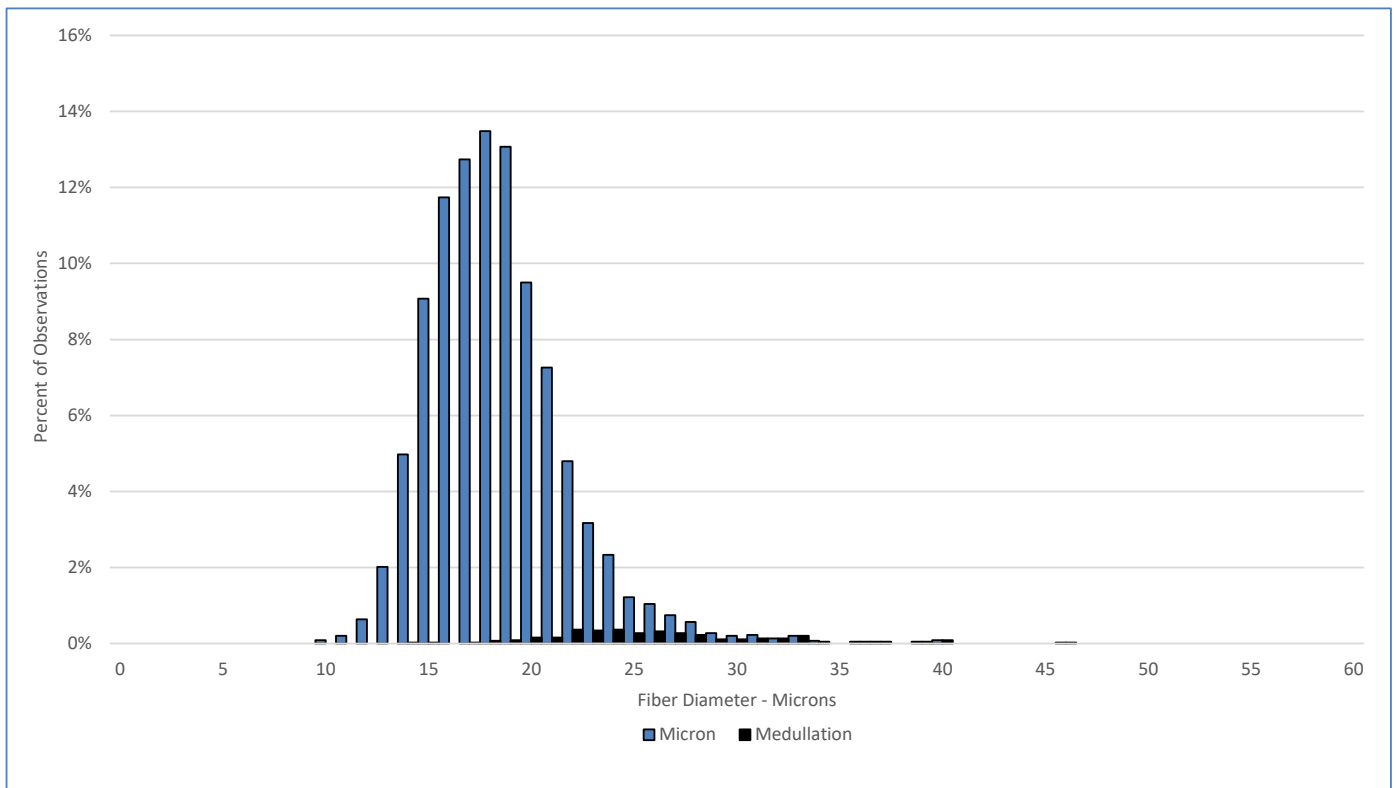
Animal and Sample Description

Animal Name: Snowmass Elite Celestial Legend
Registry #: 31969512
Breed: Huacaya
Sex: Female
Colour: 100 - White

Date of Birth (Age): 25-May-11
Sample Location: GRID
Sample Date: 21-Apr-21
Previous Shear Date: 10-May-20
Total Fleece Wt (lbs): 6.00

Laboratory Data

Mean Fiber Diameter:	18.5 microns	Mean Staple Length:	56 mm
Standard Deviation:	3.4 microns	Length Standard Deviation:	2.5 mm
Coefficient of Variation:	18.6 %	Length Coefficient of Variation:	4.5 %
Spin Fineness:	17.7 microns	Mean Curvature:	57.3 deg/mm
Fibers Greater Than 30 microns:	0.9 %	SD Curvature:	22.9 deg/mm
Comfort Factor:	99.1 %	Medullated Fibers:	3.7 %



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