



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 2-Jun-22
Shear ID: 233533
Test No: 607384

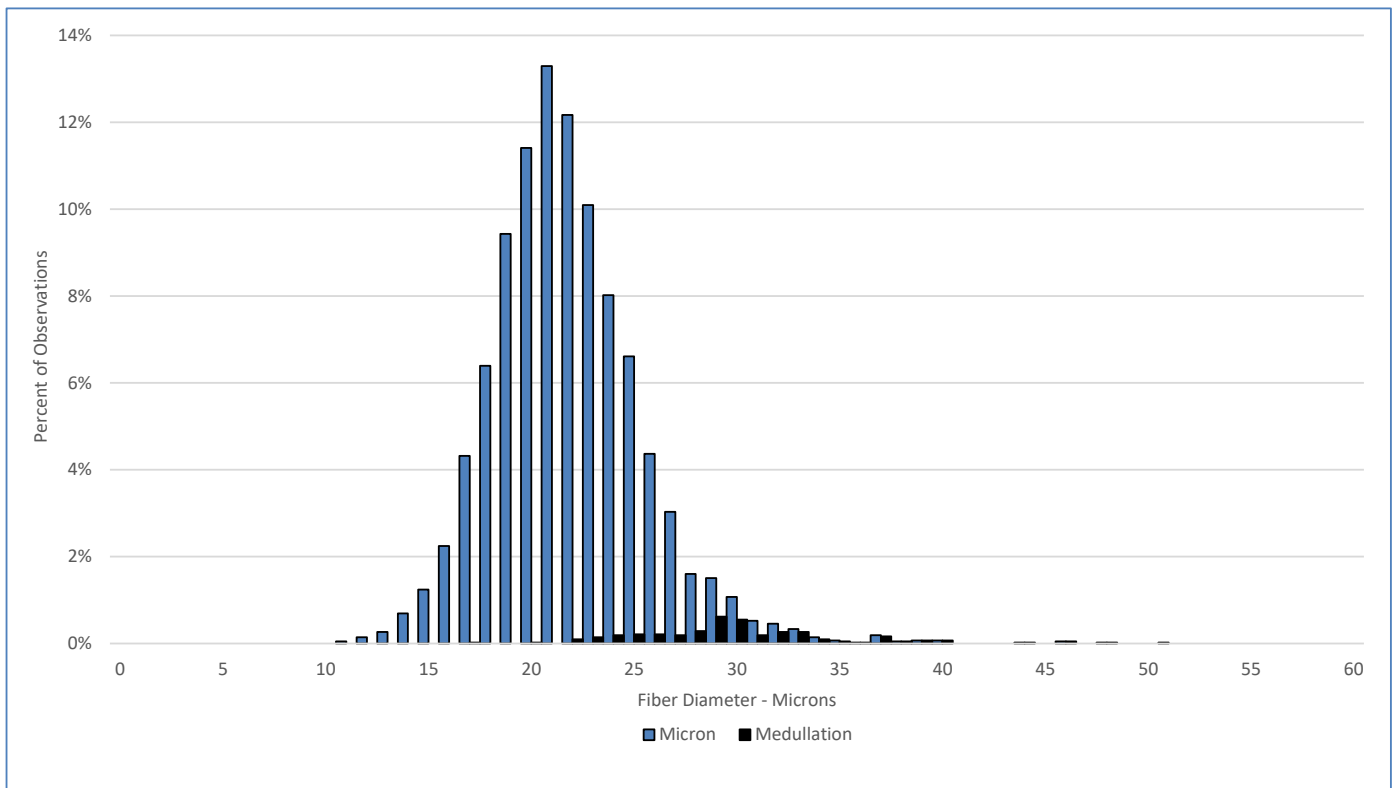
Animal and Sample Description

Animal Name: Rare Gem Punkin Pie
Registry #: 36141043
Breed: Huacaya
Sex: Female
Colour: 100 - White

Date of Birth (Age): 26-Nov-20
Sample Location: GRID
Sample Date: 21-Apr-22
Previous Shear Date: 21-Apr-21
Total Fleece Wt (lbs): 6.00

Laboratory Data

| | | | |
|---------------------------------|--------------|----------------------------------|-------------|
| Mean Fiber Diameter: | 21.9 microns | Mean Staple Length: | 128 mm |
| Standard Deviation: | 3.7 microns | Length Standard Deviation: | 5.0 mm |
| Coefficient of Variation: | 16.9 % | Length Coefficient of Variation: | 3.9 % |
| Spin Fineness: | 20.6 microns | Mean Curvature: | 47.8 deg/mm |
| Fibers Greater Than 30 microns: | 2.0 % | SD Curvature: | 19.9 deg/mm |
| Comfort Factor: | 98.0 % | Medullated Fibers: | 3.9 % |



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