



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 17-Sep-24
Shear ID: 270417
Test No: 621353

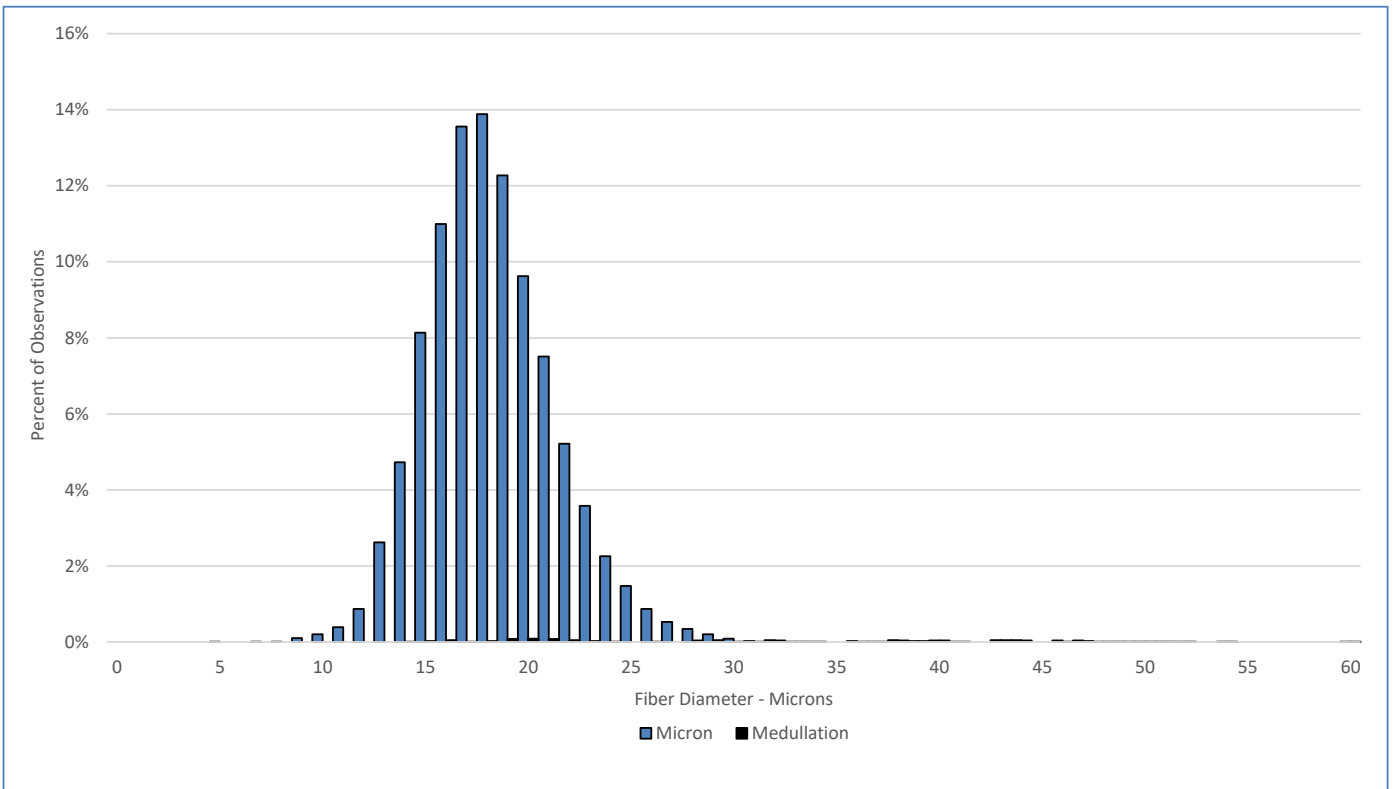
Animal and Sample Description

Animal Name: Rare Gem Cranberry Sass of AppyAA
Registry #: 36239405
Breed: Huacaya
Sex: Female
Colour: 100 - White

Date of Birth (Age): 24-Nov-22
Sample Location: GRID
Sample Date: 24-Mar-24
Previous Shear Date: 21-Apr-23
Total Fleece Wt (lbs): 4.8

Laboratory Data

Mean Fiber Diameter:	18.5 microns	Mean Staple Length:	111 mm
Standard Deviation:	3.6 microns	Length Standard Deviation:	4.0 mm
Coefficient of Variation:	19.3 %	Length Coefficient of Variation:	3.6 %
Spin Fineness:	17.7 microns	Mean Curvature:	51.6 deg/mm
Fibers Greater Than 30 microns:	0.5 %	SD Curvature:	39.5 deg/mm
Comfort Factor:	99.5 %	Medullated Fibers:	1.0 %



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