



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 17-Sep-24
Shear ID: 270391
Test No: 621341

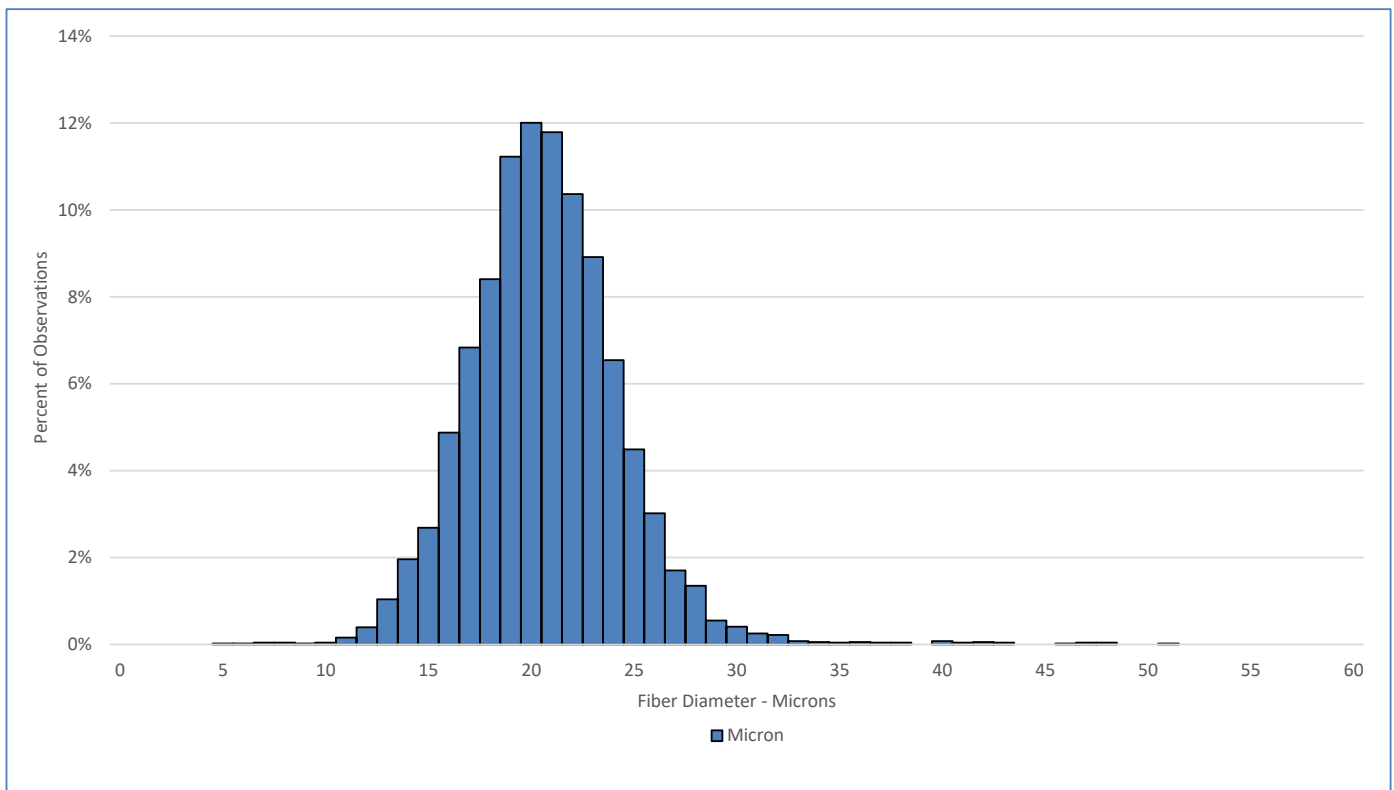
Animal and Sample Description

Animal Name: Rare Gem Sea Senior
Registry #: 36141098
Breed: Huacaya
Sex: Male
Colour: 500 - True Black

Date of Birth (Age): 17-Dec-20
Sample Location: GRID
Sample Date: 24-Apr-24
Previous Shear Date: 21-Apr-23
Total Fleece Wt (lbs): 7.2

Laboratory Data

Mean Fiber Diameter:	20.7 microns	Mean Staple Length:	97 mm
Standard Deviation:	3.8 microns	Length Standard Deviation:	2.0 mm
Coefficient of Variation:	18.3 %	Length Coefficient of Variation:	2.1 %
Spin Fineness:	19.7 microns	Mean Curvature:	49.9 deg/mm
Fibers Greater Than 30 microns:	1.1 %	SD Curvature:	37.8 deg/mm
Comfort Factor:	98.9 %		



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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