



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 10-May-23
Shear ID: 246750
Test No: 611483

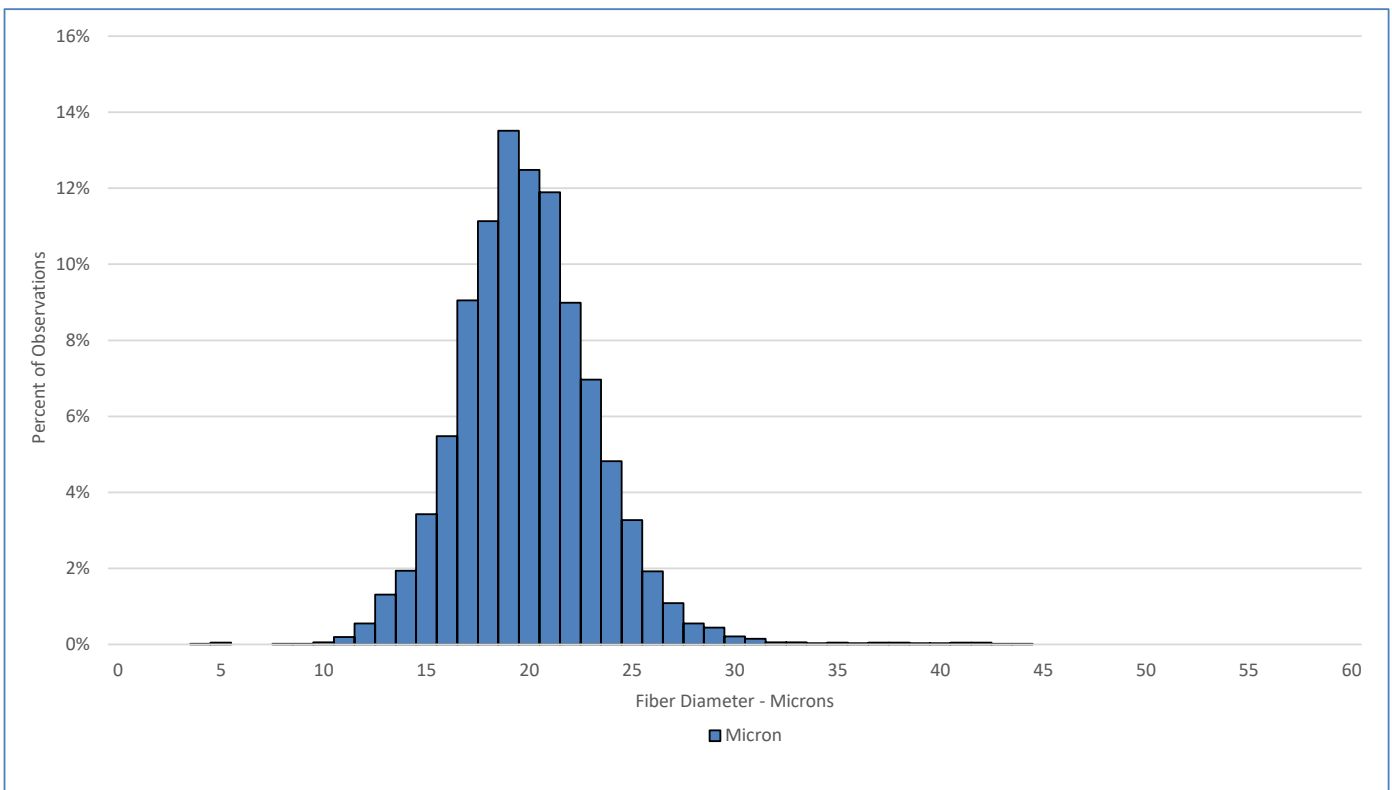
Animal and Sample Description

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: 21-Apr-23
Previous Shear Date: 1-May-22
Total Fleece Wt (lbs): 7.0

Laboratory Data

Mean Fiber Diameter:	20.0 microns	Mean Staple Length:	89 mm
Standard Deviation:	3.4 microns	Length Standard Deviation:	7.4 mm
Coefficient of Variation:	17.2 %	Length Coefficient of Variation:	8.3 %
Spin Fineness:	18.8 microns	Mean Curvature:	46.8 deg/mm
Fibers Greater Than 30 microns:	0.6 %	SD Curvature:	19.4 deg/mm
Comfort Factor:	99.4 %		



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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