



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 17-Sep-24
Shear ID: 270390
Test No: 621340

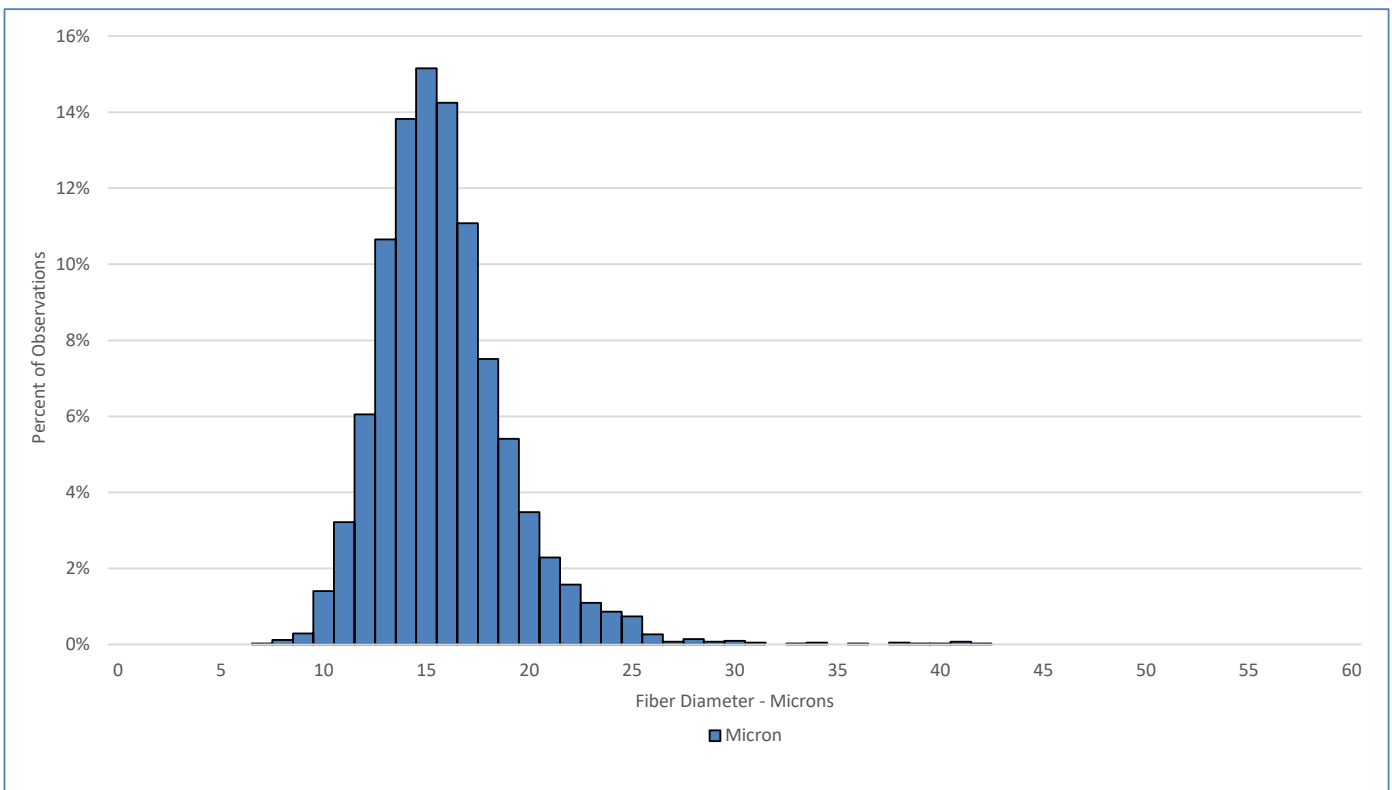
Animal and Sample Description

Animal Name: Rare Gem Enchanted Girly Girl
Registry #: 36154098
Breed: Huacaya
Sex: Female
Colour: 301 - Medium Brown

Date of Birth (Age): 28-Jun-23
Sample Location: GRID
Sample Date: 5-May-24
Previous Shear Date: 28-Jun-23
Total Fleece Wt (lbs):

Laboratory Data

Mean Fiber Diameter:	15.9 microns	Mean Staple Length:	73 mm
Standard Deviation:	3.3 microns	Length Standard Deviation:	2.3 mm
Coefficient of Variation:	20.8 %	Length Coefficient of Variation:	3.1 %
Spin Fineness:	15.4 microns	Mean Curvature:	61.3 deg/mm
Fibers Greater Than 30 microns:	0.3 %	SD Curvature:	42.6 deg/mm
Comfort Factor:	99.7 %		



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