



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Sugar Pike Alpacas
401 Addle Lane, Canton
GA 30115, US

Date: 18-Aug-25
Shear ID: 276789
Test No: 624040

Animal and Sample Description

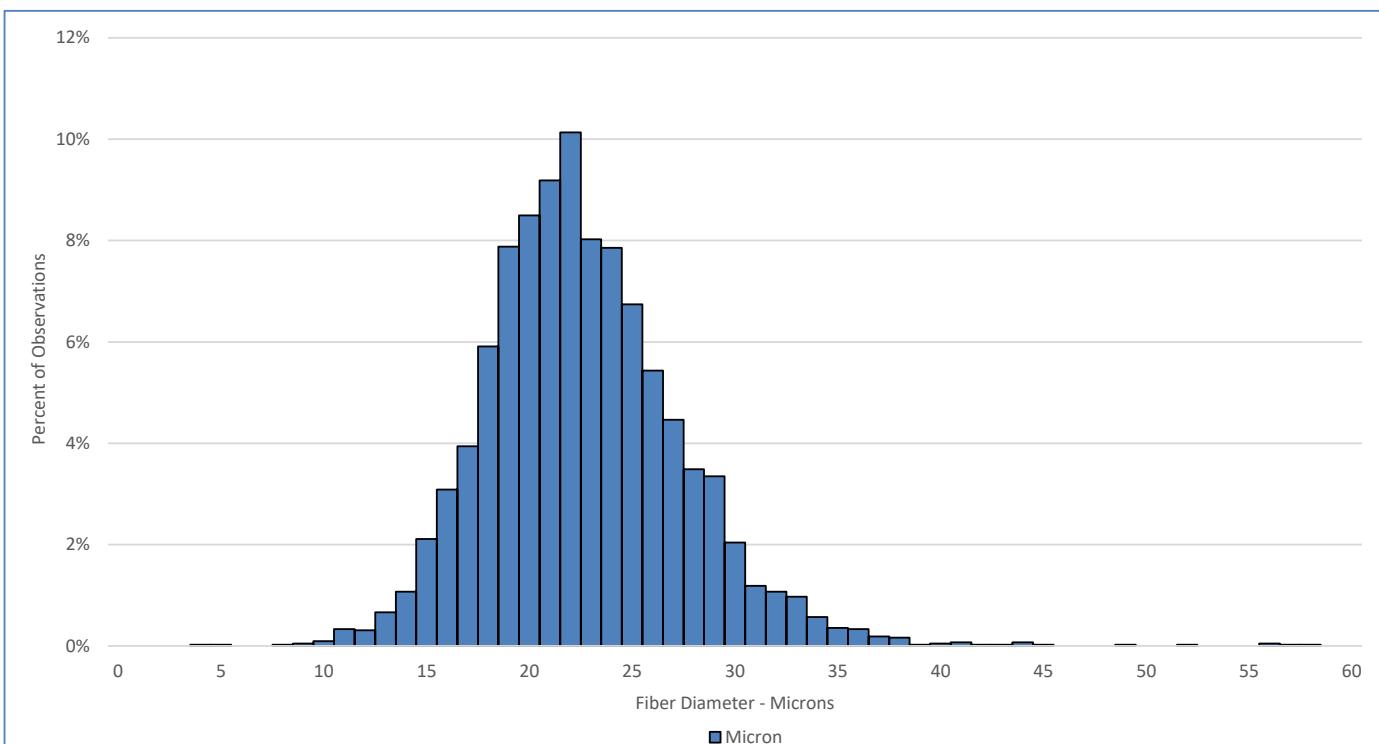
Animal Name: AUTUMNSUN's Serendipity Smiles
Registry #: 35160229
Breed: Huacaya
Sex: Female
Colour: 306 - Dark Rose Grey

Date of Birth (Age): 3-Jul-19
Sample Location: GRID
Sample Date: 13-Apr-25
Previous Shear Date: 27-May-24
Total Fleece Wt (lbs): 4.16

Laboratory Data

Mean Fiber Diameter: 22.6 microns
Standard Deviation: 4.8 microns
Coefficient of Variation: 21.3 %
Spin Fineness: 22.1 microns
Fibers Greater Than 30 microns: 5.3 %
Comfort Factor: 94.7 %

Mean Staple Length: 75 mm
Length Standard Deviation: 5.5 mm
Length Coefficient of Variation: 7.3 %
Mean Curvature: 53.4 deg/mm
SD Curvature: 36.9 deg/mm



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