



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

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

Date: 18-Aug-25
Shear ID: 276800
Test No: 624051

Animal and Sample Description

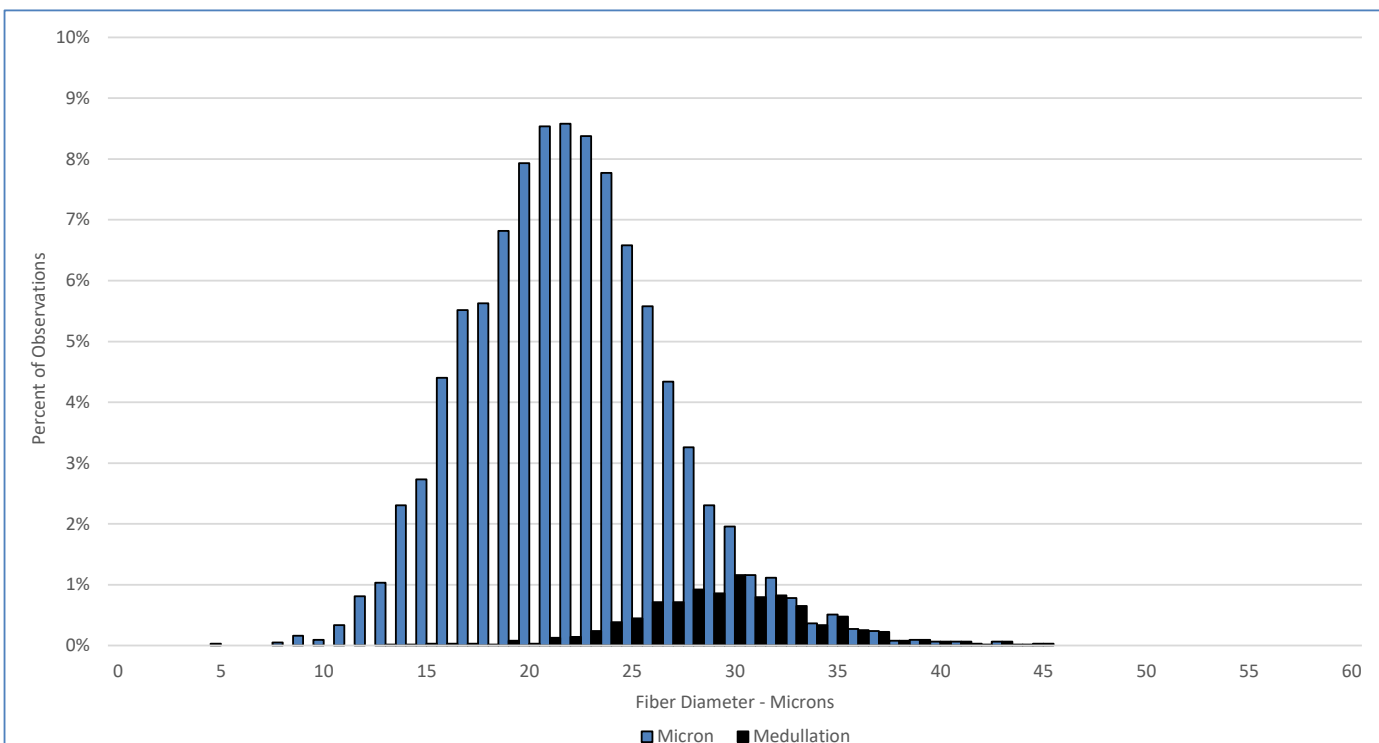
Animal Name: Ridge Valley's Peruvian Cristal
Registry #: 36044962
Breed: Huacaya
Sex: Female
Colour: 100 - White

Date of Birth (Age): 15-Apr-21
Sample Location: GRID
Sample Date: 13-Apr-25
Previous Shear Date: 29-Apr-24
Total Fleece Wt (lbs): 4.89

Laboratory Data

Mean Fiber Diameter: 22.1 microns
Standard Deviation: 4.9 microns
Coefficient of Variation: 22.1 %
Spin Fineness: 21.7 microns
Fibers Greater Than 30 microns: 4.9 %
Comfort Factor: 95.1 %

Mean Staple Length: 92 mm
Length Standard Deviation: 2.6 mm
Length Coefficient of Variation: 2.8 %
Mean Curvature: 50.6 deg/mm
SD Curvature: 35.5 deg/mm
Medullated Fibers: 9.9 %



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