



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Plum Creek Alpacas
8260 Plum Creek Way
Prescott Valley, AZ 86315-9260 US

Date: 26-Jul-20
Shear ID: 199672
Test No: 200660

Animal and Sample Description

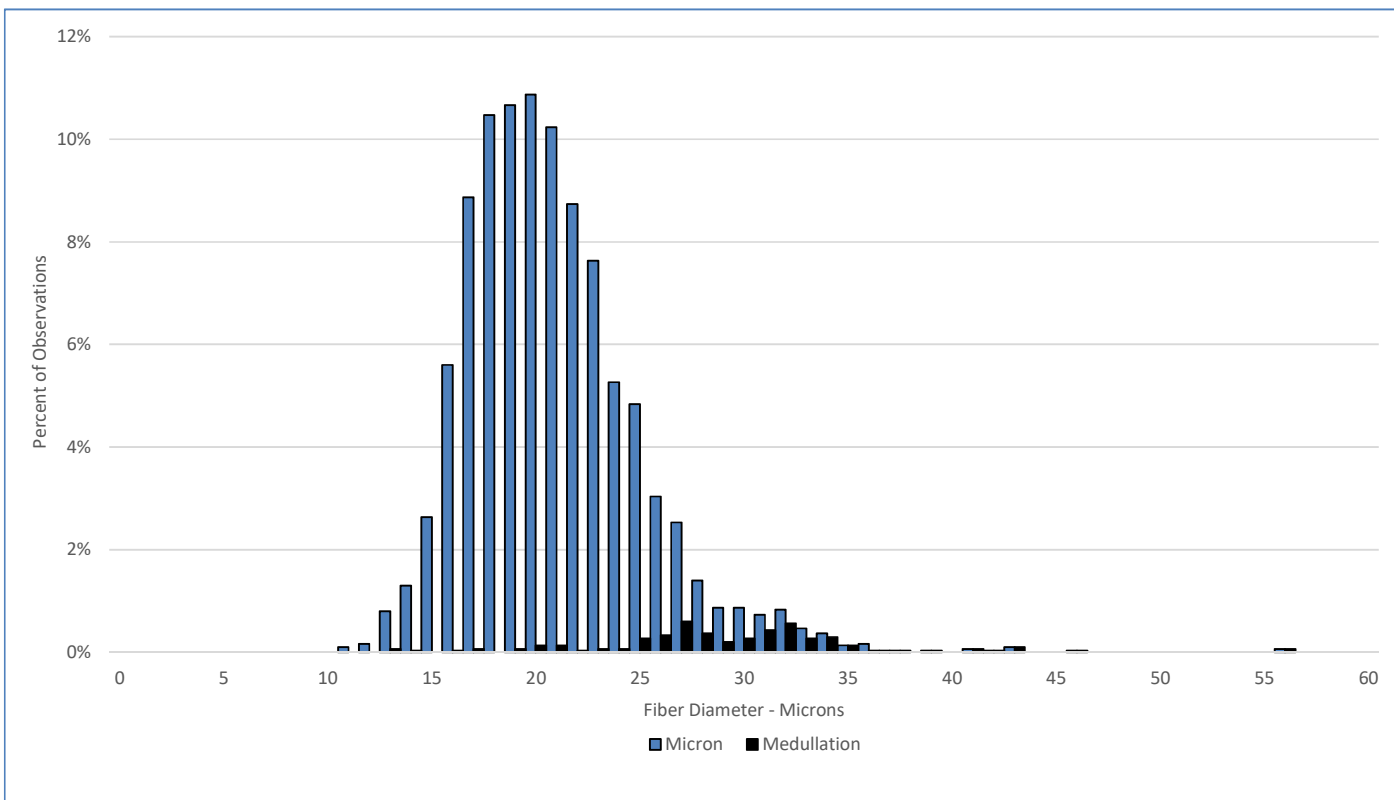
Animal Name: SUNNY PERUVIAN DOLOMITES
Registry #: 35055709
Breed: Huacaya
Sex: Male
Colour: 100 - White

Date of Birth (Age): 13-Aug-15
Sample Location: GRID
Sample Date: 10-Apr-20
Previous Shear Date: 16-Apr-19
Total Fleece Wt (lbs): 7.60

Laboratory Data

Mean Fiber Diameter: 21.0 microns
Standard Deviation: 4.3 microns
Coefficient of Variation: 20.4 %
Spin Fineness: 20.3 microns
Fibers Greater Than 30 microns: 3.1 %
Comfort Factor: 96.9 %

Mean Staple Length: 85 mm
Length Standard Deviation: 3.0 mm
Length Coefficient of Variation: 3.5 %
Mean Curvature: 44.5 deg/mm
SD Curvature: 24.9 deg/mm
Medullated Fibers: 4.9 %



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Jude Davidson
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: nz.wool@timaru@sgs.com Web: www.wooltesting.sgs.com