



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Big Timber Alpacas
255 Bell Canyon Rd, Bell Canyon
CA 91307, US

Date: 16-May-25
Shear ID: 272101
Test No: 622212

Animal and Sample Description

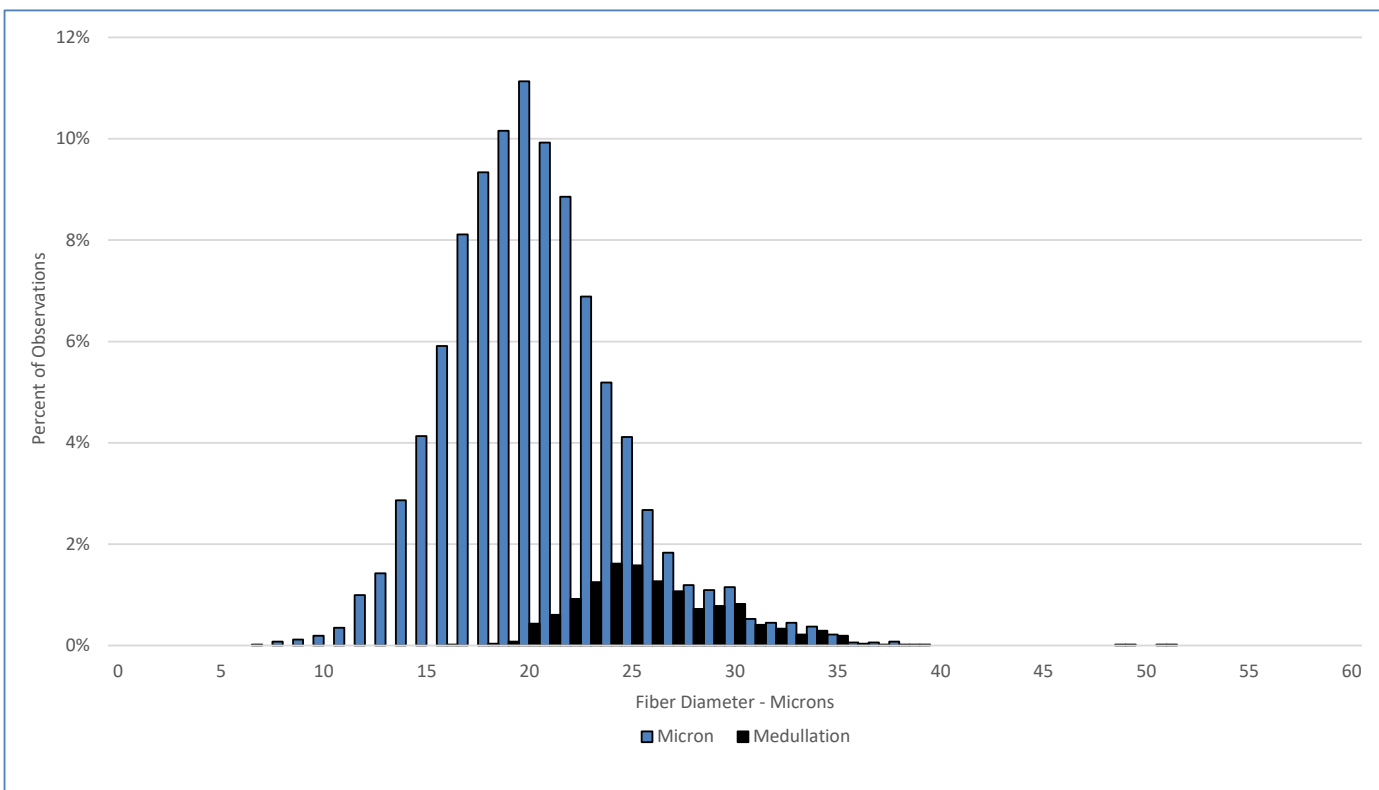
Animal Name: BIG TIMBER's LUCAS
Registry #: 36223176
Breed: Suri
Sex: Male
Colour: 100 - White

Date of Birth (Age): 17-Aug-23
Sample Location: GRID
Sample Date: 29-Apr-25
Previous Shear Date: 21-May-24
Total Fleece Wt (lbs): 5.53

Laboratory Data

Mean Fiber Diameter: 20.4 microns
Standard Deviation: 4.2 microns
Coefficient of Variation: 20.8 %
Spin Fineness: 19.8 microns
Fibers Greater Than 30 microns: 2.3 %
Comfort Factor: 97.7 %

Mean Staple Length: 174 mm
Length Standard Deviation: 1.0 mm
Length Coefficient of Variation: 0.6 %
Mean Curvature: 30.4 deg/mm
SD Curvature: 34.2 deg/mm
Medullated Fibers: 12.8 %



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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