



Optical Fiber Diameter Analyser (OFDA100) Micron Test Report

Patriot Lane Alpacas
71300 Wilson Ln, Boardman
OR 97818, US

Date: 28-Aug-25
Shear ID: 278399
Test No: 624413

Animal and Sample Description

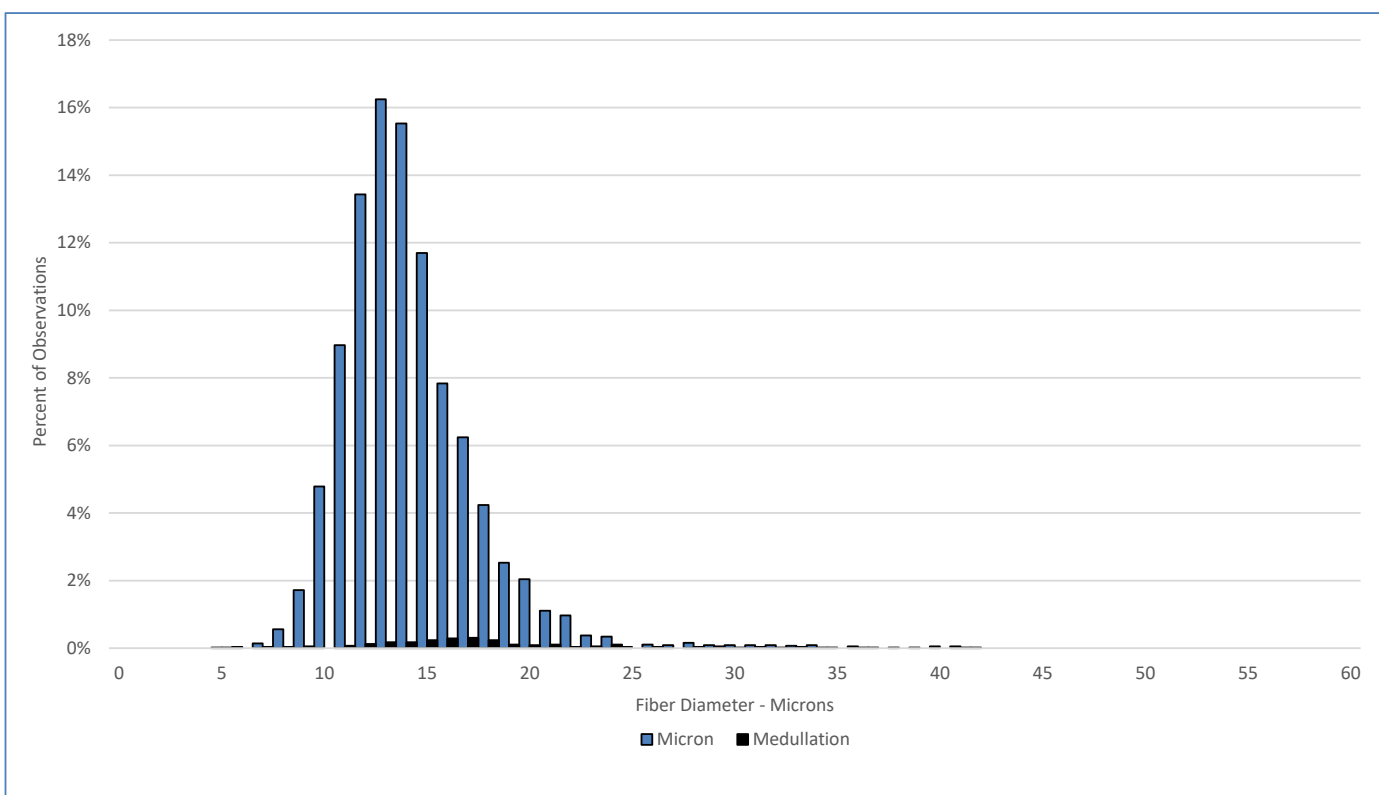
Animal Name: Declaration of Independence x 2
Registry #: 36372522
Breed: Suri
Sex: Female
Colour: 100 - White

Date of Birth (Age): 25-Jun-24
Sample Location: GRID
Sample Date: 25-May-25
Previous Shear Date: 25-Jun-24
Total Fleece Wt (lbs):

Laboratory Data

Mean Fiber Diameter: 14.3 microns
Standard Deviation: 3.4 microns
Coefficient of Variation: 23.8 %
Spin Fineness: 14.3 microns
Fibers Greater Than 30 microns: 0.6 %
Comfort Factor: 99.4 %

Mean Staple Length: 190 mm
Length Standard Deviation: 3.4 mm
Length Coefficient of Variation: 1.8 %
Mean Curvature: 37.1 deg/mm
SD Curvature: 40.5 deg/mm
Medullated Fibers: 2.5 %



The OFDA100 base cut method minimizes the effects of environmental variability and provides more accurate comparisons of genetic capability. Average staple length is determined from multiple staples measured using a calibrated electronic length instrument, and is important for managing yarn processing outcomes.

Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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The validity of this document may be confirmed by contacting the address shown below

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