Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

La Vida Alpacas
15631 159th Ln SE, Yalm
WA 98597, US

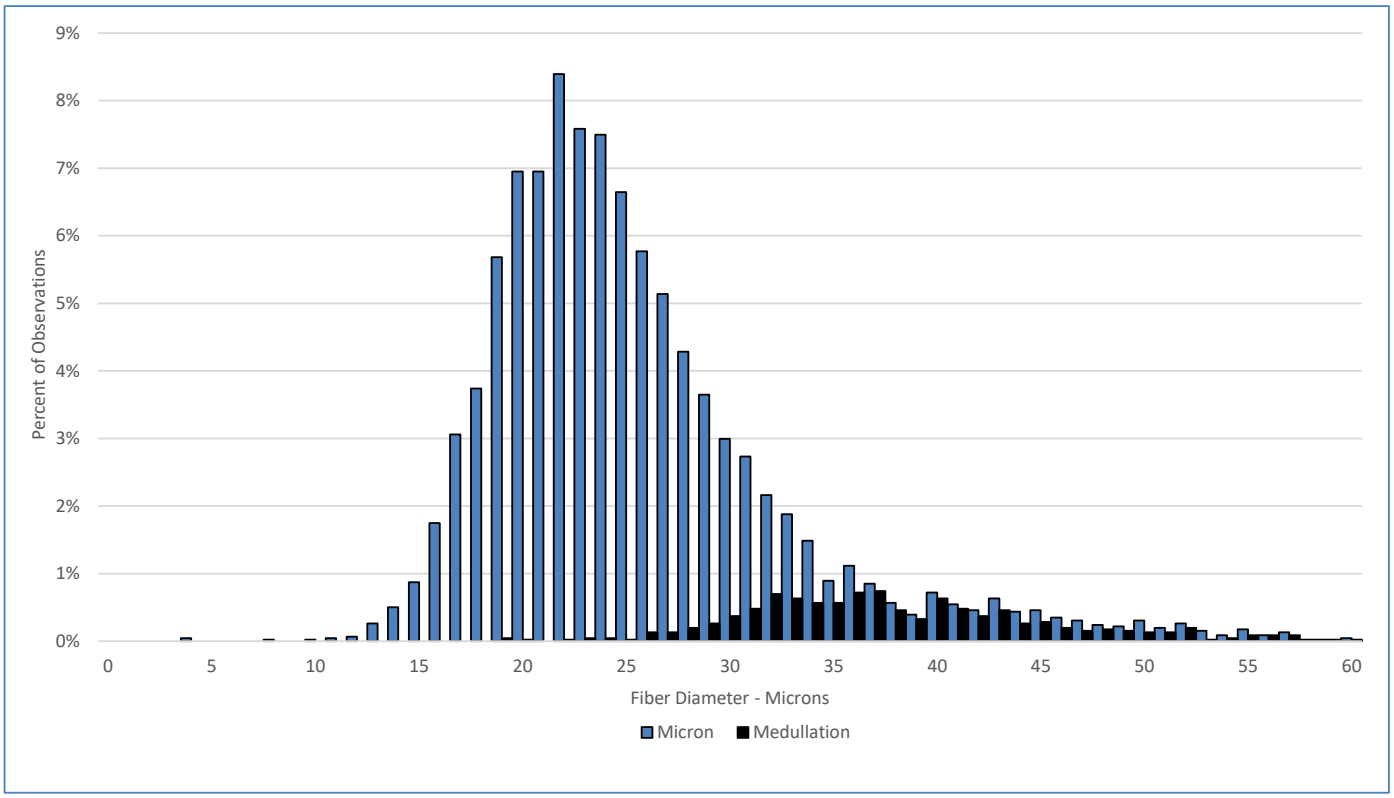
Date: 20-Aug-26
Shear ID: 284625
Test No: 627979

Animal and Sample Description

Animal Name:	Princess Aribella of La Vida Alpaca	Date of Birth (Age):	19-Jun-20
Registry #:	35322061	Sample Location:	GRID
Breed:	Suri	Sample Date:	24-May-26
Sex:	Female	Previous Shear Date:	25-May-25
Colour:	100 - White	Total Fleece Wt (lbs):	5.97

Laboratory Data

Mean Fiber Diameter:	25.6 microns	Mean Staple Length:	129 mm
Standard Deviation:	7.4 microns	Length Standard Deviation:	2.9 mm
Coefficient of Variation:	28.8 %	Length Coefficient of Variation:	2.3 %
Spin Fineness:	26.8 microns	Mean Curvature:	25.4 deg/mm
Fibers Greater Than 30 microns:	18.1 %	SD Curvature:	29.3 deg/mm
Comfort Factor:	81.9 %	Medullated Fibers:	10.6 %



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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