Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Shf Alpacas
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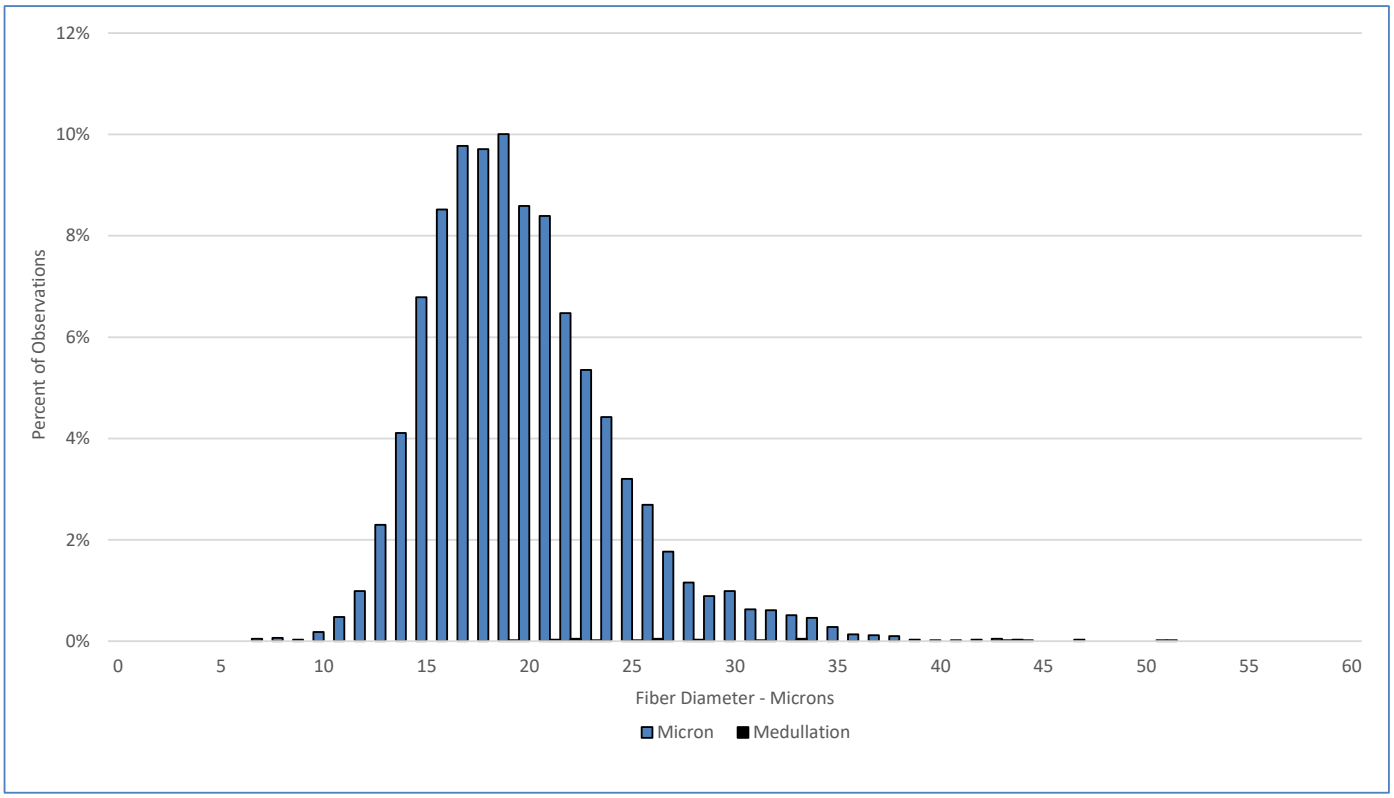
Date: 23-Jun-26
Shear ID: 280426
Test No: 626867

Animal and Sample Description

Animal Name:	SUGAR HOLLOW's September	Date of Birth (Age):	3-Sep-25
Registry #:	35503552	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	28-Apr-26
Sex:	Female	Previous Shear Date:	3-Sep-25
Colour:	100 - White	Total Fleece Wt (lbs):	4.1

Laboratory Data

Mean Fiber Diameter:	19.9 microns	Mean Staple Length:	128 mm
Standard Deviation:	4.6 microns	Length Standard Deviation:	6.2 mm
Coefficient of Variation:	23.3 %	Length Coefficient of Variation:	4.9 %
Spin Fineness:	19.7 microns	Mean Curvature:	41.3 deg/mm
Fibers Greater Than 30 microns:	3.1 %	SD Curvature:	32.6 deg/mm
Comfort Factor:	96.9 %	Medullated Fibers:	0.3 %



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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