Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Shf Alpacas
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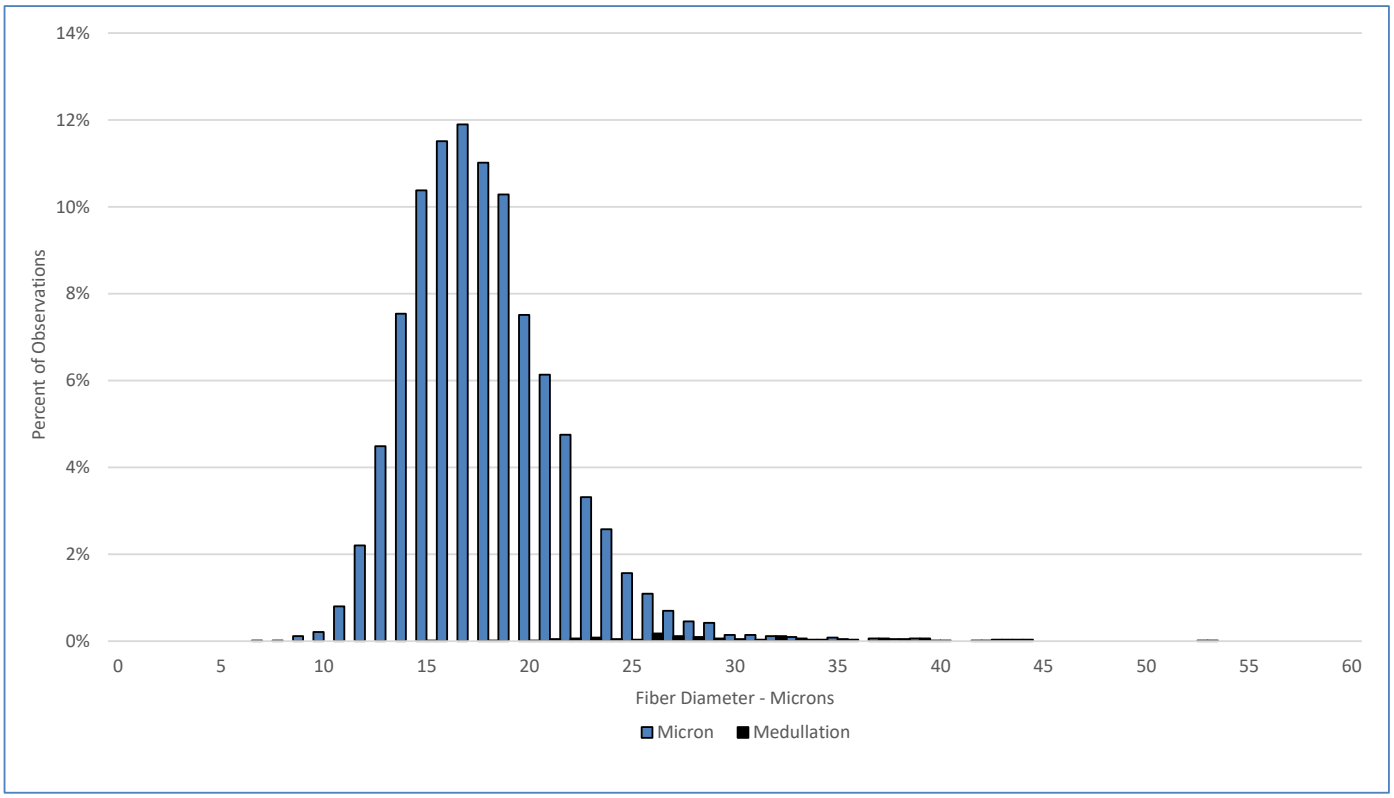
Date: 23-Jun-26
Shear ID: 280425
Test No: 626866

Animal and Sample Description

Animal Name:	SUGAR HOLLOW's Wake Up Little Susie	Date of Birth (Age):	5-Oct-24
Registry #:	36186211	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	28-Apr-26
Sex:	Female	Previous Shear Date:	21-Apr-25
Colour:	201 - Beige	Total Fleece Wt (lbs):	6.6

Laboratory Data

Mean Fiber Diameter:	18.1 microns	Mean Staple Length:	113 mm
Standard Deviation:	4.1 microns	Length Standard Deviation:	3.6 mm
Coefficient of Variation:	22.5 %	Length Coefficient of Variation:	3.2 %
Spin Fineness:	17.8 microns	Mean Curvature:	50.6 deg/mm
Fibers Greater Than 30 microns:	0.8 %	SD Curvature:	35.4 deg/mm
Comfort Factor:	99.2 %	Medullated Fibers:	1.5 %



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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