Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Alpacas At Holistic Farms
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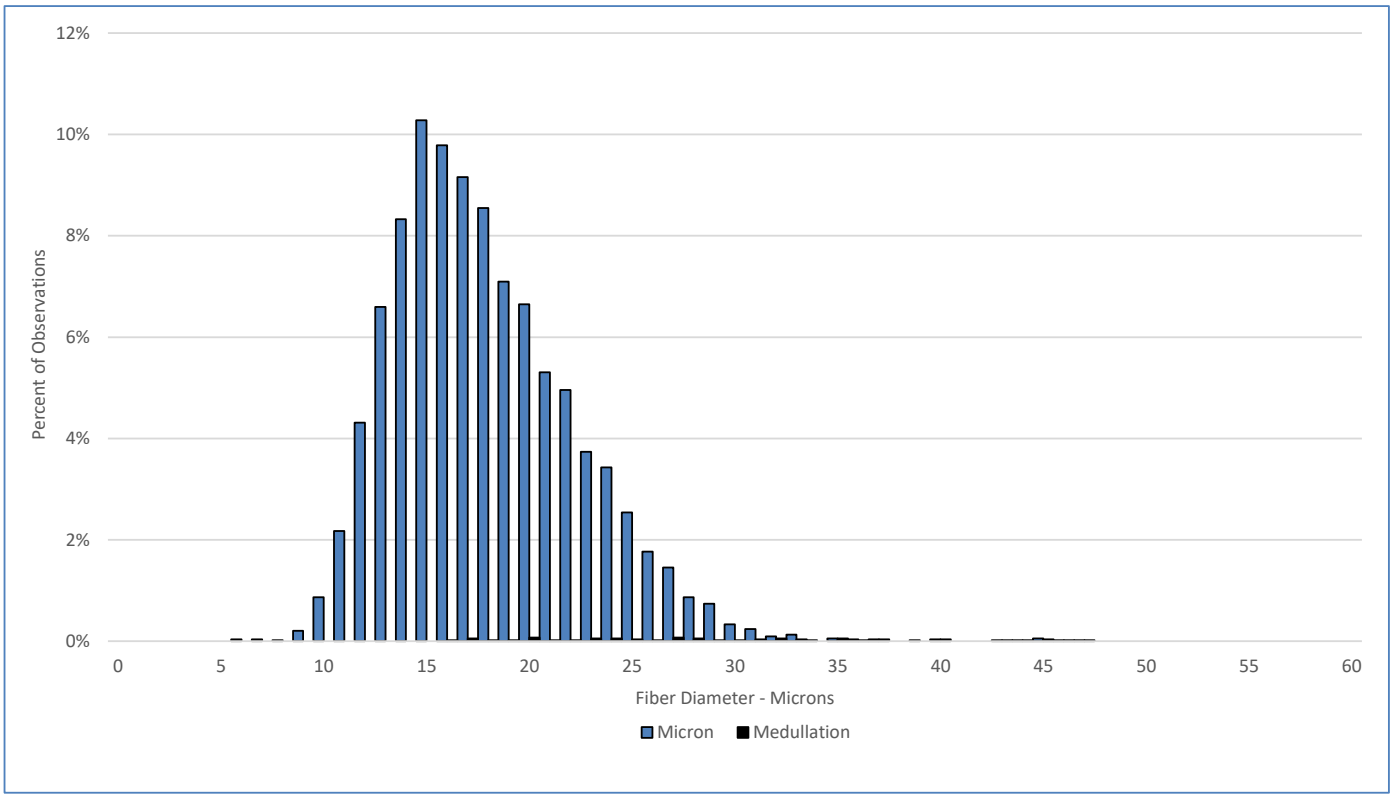
Date: 20-Jul-26
Shear ID: 282626
Test No: 627413

Animal and Sample Description

Animal Name:	Opal Moonglow	Date of Birth (Age):	29-Jun-25
Registry #:	36181773	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	12-May-26
Sex:	Female	Previous Shear Date:	29-Jun-25
Colour:	202 - Light Fawn	Total Fleece Wt (lbs):	5.47

Laboratory Data

Mean Fiber Diameter:	18.0 microns	Mean Staple Length:	119 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	2.8 mm
Coefficient of Variation:	24.8 %	Length Coefficient of Variation:	2.4 %
Spin Fineness:	18.1 microns	Mean Curvature:	47.7 deg/mm
Fibers Greater Than 30 microns:	0.8 %	SD Curvature:	38.7 deg/mm
Comfort Factor:	99.2 %	Medullated Fibers:	0.9 %



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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