Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

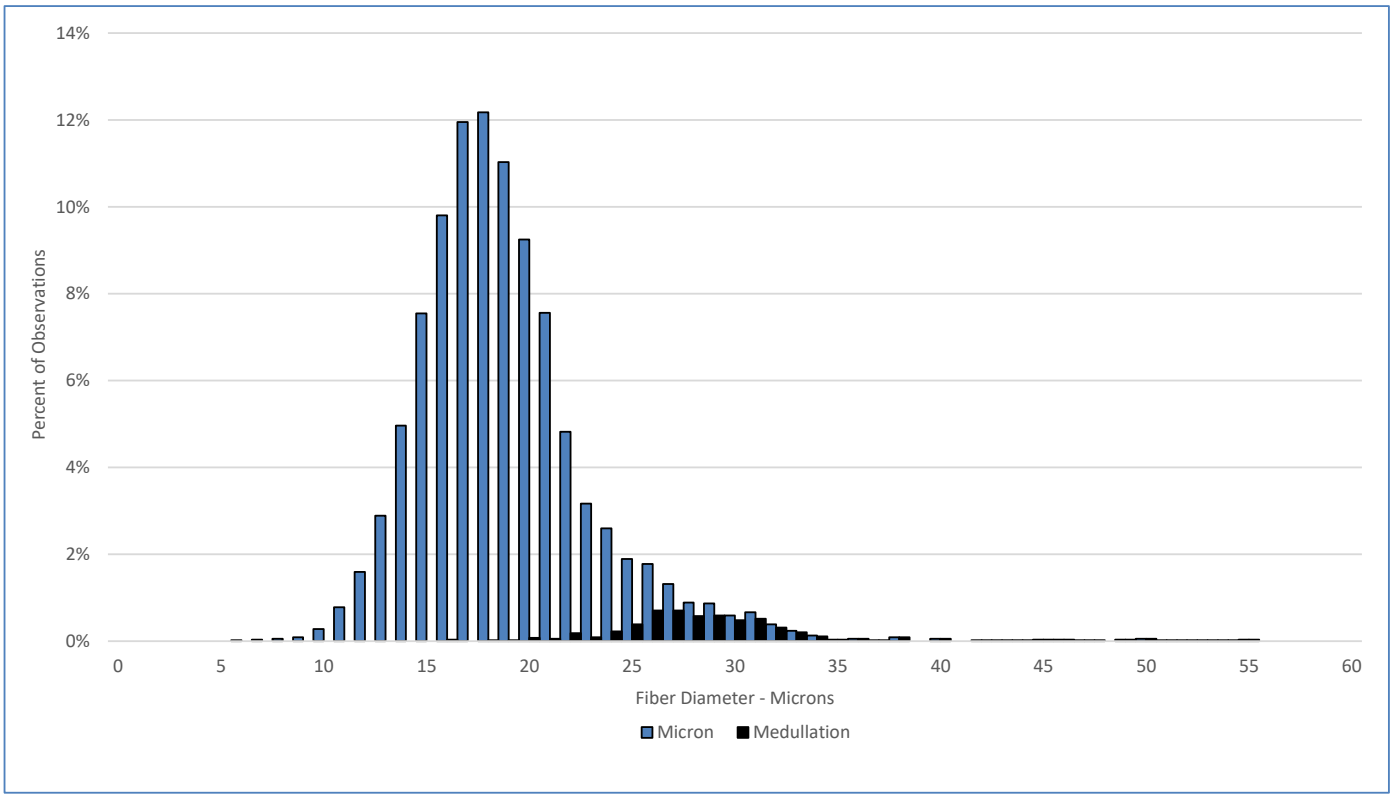
Sunny Alpacas		Date:	11-Sep-26
9200 Spooner Creek Ln, Blaine		Shear ID:	286816
WA 98230, US		Test No:	628700

Animal and Sample Description

Animal Name:	Sunny IKE Jane	Date of Birth (Age):	20-Aug-25
Registry #:	36393855	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	1-Jun-26
Sex:	Female	Previous Shear Date:	5-Oct-25
Colour:	202 - Light Fawn	Total Fleece Wt (lbs):	4.0

Laboratory Data

Mean Fiber Diameter:	19.0 microns	Mean Staple Length:	87 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	3.5 mm
Coefficient of Variation:	23.6 %	Length Coefficient of Variation:	4.1 %
Spin Fineness:	18.9 microns	Mean Curvature:	48.7 deg/mm
Fibers Greater Than 30 microns:	2.1 %	SD Curvature:	37.2 deg/mm
Comfort Factor:	97.9 %	Medullated Fibers:	5.9 %



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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