Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

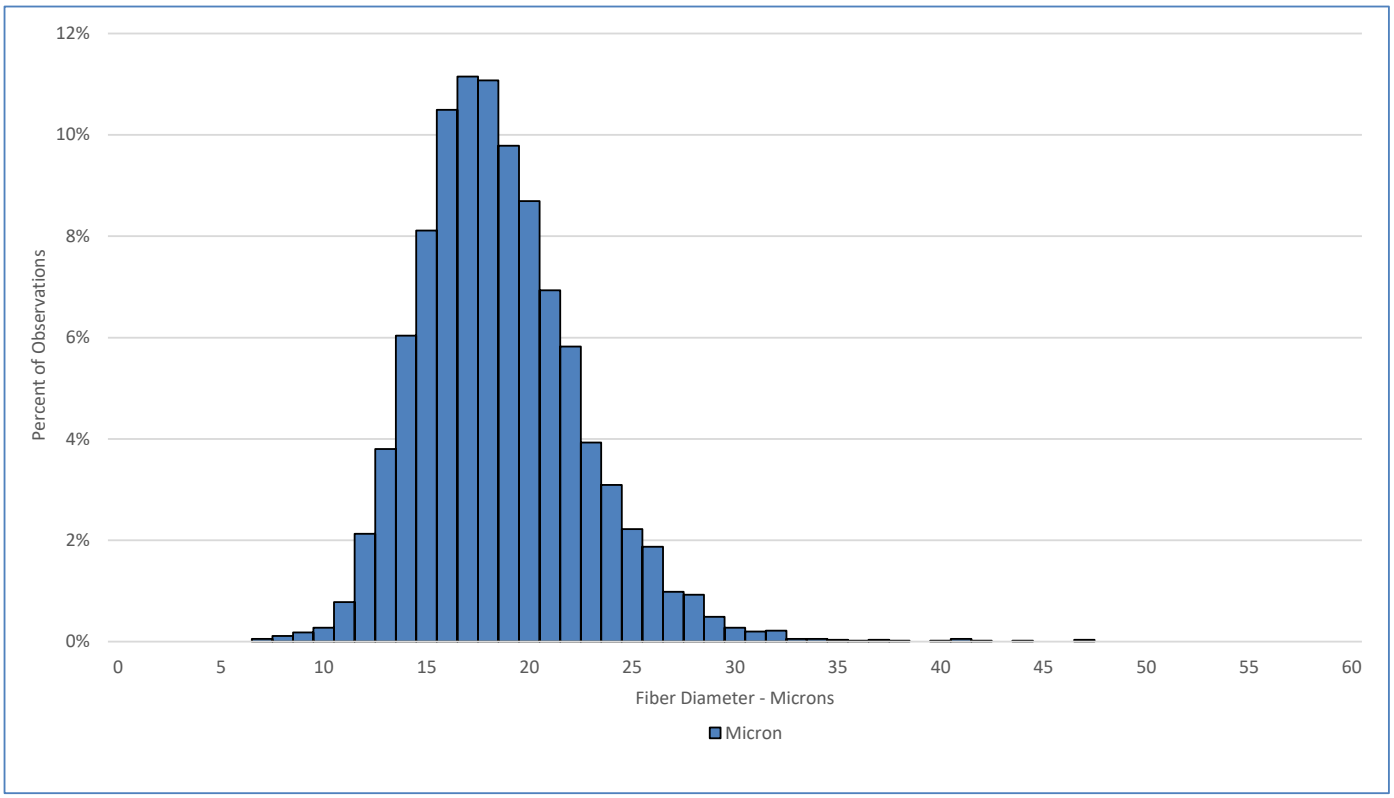
Teaberry Alpaca Farms		Date:	20-Jul-26
298 Teaberry Lane, Catawba		Shear ID:	282307
VA 24070, US		Test No:	627483

Animal and Sample Description

Animal Name:	Midas Teaberry	Date of Birth (Age):	11-Jun-24
Registry #:	36251889	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	27-Apr-26
Sex:	Male	Previous Shear Date:	9-May-25
Colour:	205 - Dark Fawn	Total Fleece Wt (lbs):	4.8

Laboratory Data

Mean Fiber Diameter:	18.6 microns	Mean Staple Length:	114 mm
Standard Deviation:	4.0 microns	Length Standard Deviation:	2.5 mm
Coefficient of Variation:	21.5 %	Length Coefficient of Variation:	2.2 %
Spin Fineness:	18.1 microns	Mean Curvature:	50.1 deg/mm
Fibers Greater Than 30 microns:	0.8 %	SD Curvature:	37.2 deg/mm
Comfort Factor:	99.2 %		



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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