Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

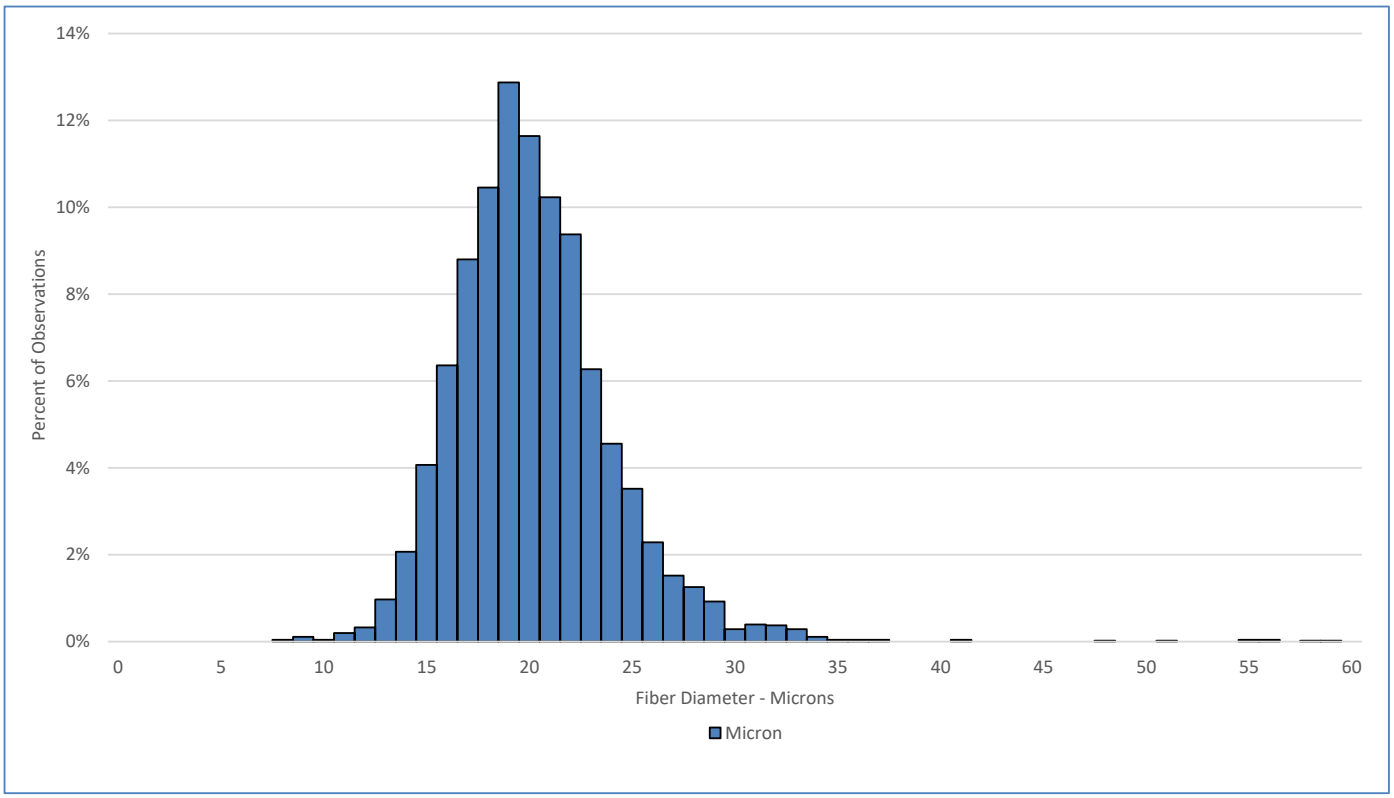
Aspen Alpaca Company		Date:	22-Jun-26
567 Selkirk Rd, Sandpoint		Shear ID:	282519
ID 8386-7702, US		Test No:	626997

Animal and Sample Description

Animal Name:	ASPENALPACAS Brussel's Sprout	Date of Birth (Age):	18-Jun-25
Registry #:	36339938	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	26-May-26
Sex:	Female	Previous Shear Date:	18-May-25
Colour:	204 - Medium Fawn	Total Fleece Wt (lbs):	4.1

Laboratory Data

Mean Fiber Diameter:	20.3 microns	Mean Staple Length:	97 mm
Standard Deviation:	4.6 microns	Length Standard Deviation:	6.0 mm
Coefficient of Variation:	22.8 %	Length Coefficient of Variation:	6.2 %
Spin Fineness:	20.1 microns	Mean Curvature:	49.2 deg/mm
Fibers Greater Than 30 microns:	1.8 %	SD Curvature:	35.5 deg/mm
Comfort Factor:	98.2 %		



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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