Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

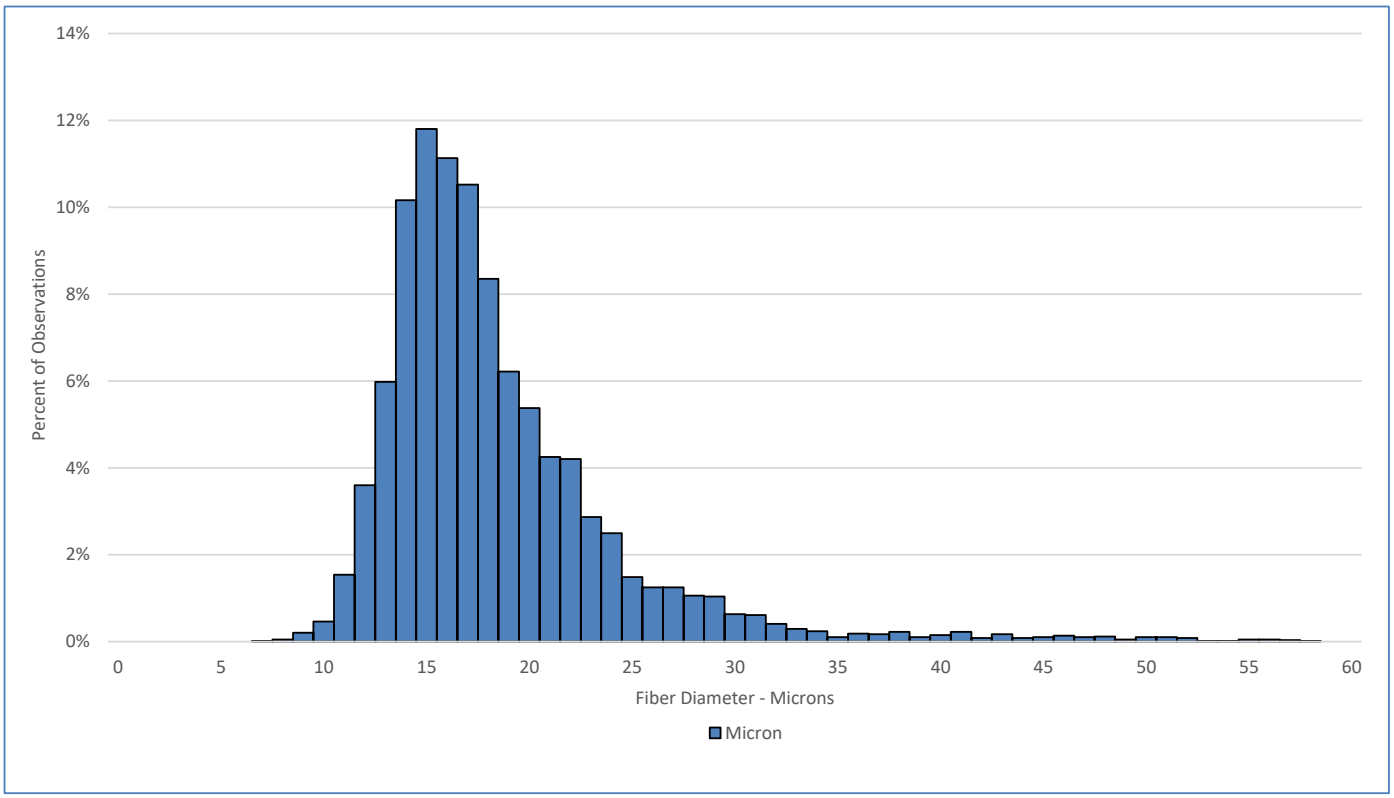
Aspen Alpaca Company		Date:	22-Jun-26
567 Selkirk Rd, Sandpoint		Shear ID:	282522
ID 8386-7702, US		Test No:	627000

Animal and Sample Description

Animal Name:	ASPENALPACAS Midnight in Morocco	Date of Birth (Age):	17-Oct-25
Registry #:	36339952	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	26-May-26
Sex:	Male	Previous Shear Date:	
Colour:	500 - True Black	Total Fleece Wt (lbs):	1.5

Laboratory Data

Mean Fiber Diameter:	18.5 microns	Mean Staple Length:	121 mm
Standard Deviation:	6.0 microns	Length Standard Deviation:	4.1 mm
Coefficient of Variation:	32.6 %	Length Coefficient of Variation:	3.4 %
Spin Fineness:	20.1 microns	Mean Curvature:	41.2 deg/mm
Fibers Greater Than 30 microns:	4.1 %	SD Curvature:	33.1 deg/mm
Comfort Factor:	95.9 %		



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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SGS NZ LTD - 48 Kemp Street, Kilbirnie 6022, Wellington, New Zealand. Tel: 64-4-387 8565 Email: WoolOnline@sgs.com Web: www.wooltesting.sgs.com