Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

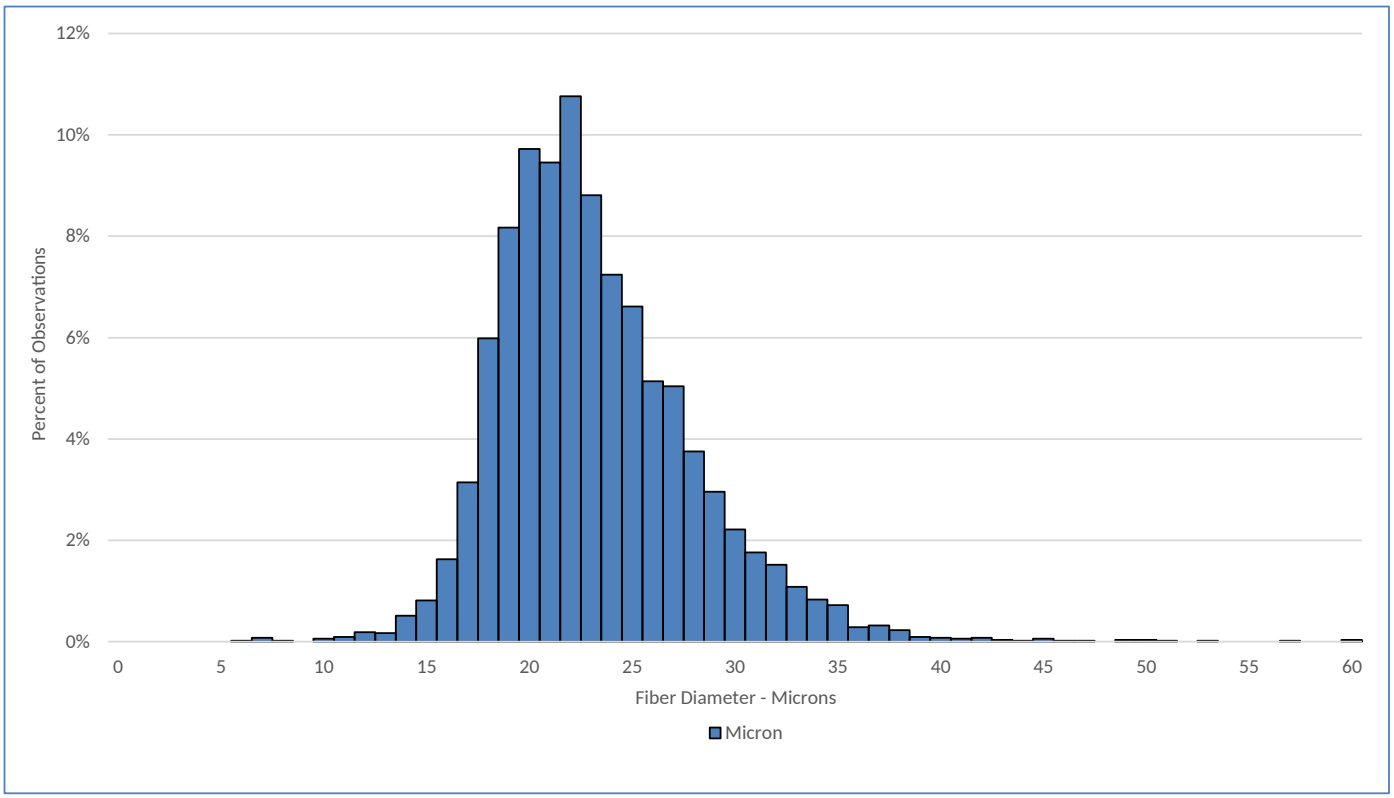
Stirling Ridge		Date:	14-Sep-26
5120 Robinson Park Rd, Moscow		Shear ID:	287561
ID 83843, US		Test No:	628767

Animal and Sample Description

Animal Name:	STIRLING RIDGE OrFinn ANNIE	Date of Birth (Age):	30-Jun-22
Registry #:	36254071	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	3-Jun-26
Sex:	Female	Previous Shear Date:	29-May-25
Colour:	204 - Medium Fawn	Total Fleece Wt (lbs):	5.606

Laboratory Data

Mean Fiber Diameter:	23.2 microns	Mean Staple Length:	95 mm
Standard Deviation:	4.9 microns	Length Standard Deviation:	9.3 mm
Coefficient of Variation:	21.0 %	Length Coefficient of Variation:	9.8 %
Spin Fineness:	22.6 microns	Mean Curvature:	44.6 deg/mm
Fibers Greater Than 30 microns:	7.4 %	SD Curvature:	33.7 deg/mm
Comfort Factor:	92.6 %		



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

SGS General Terms and Conditions
The validity of this document may be confirmed by contacting the address shown below
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