Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

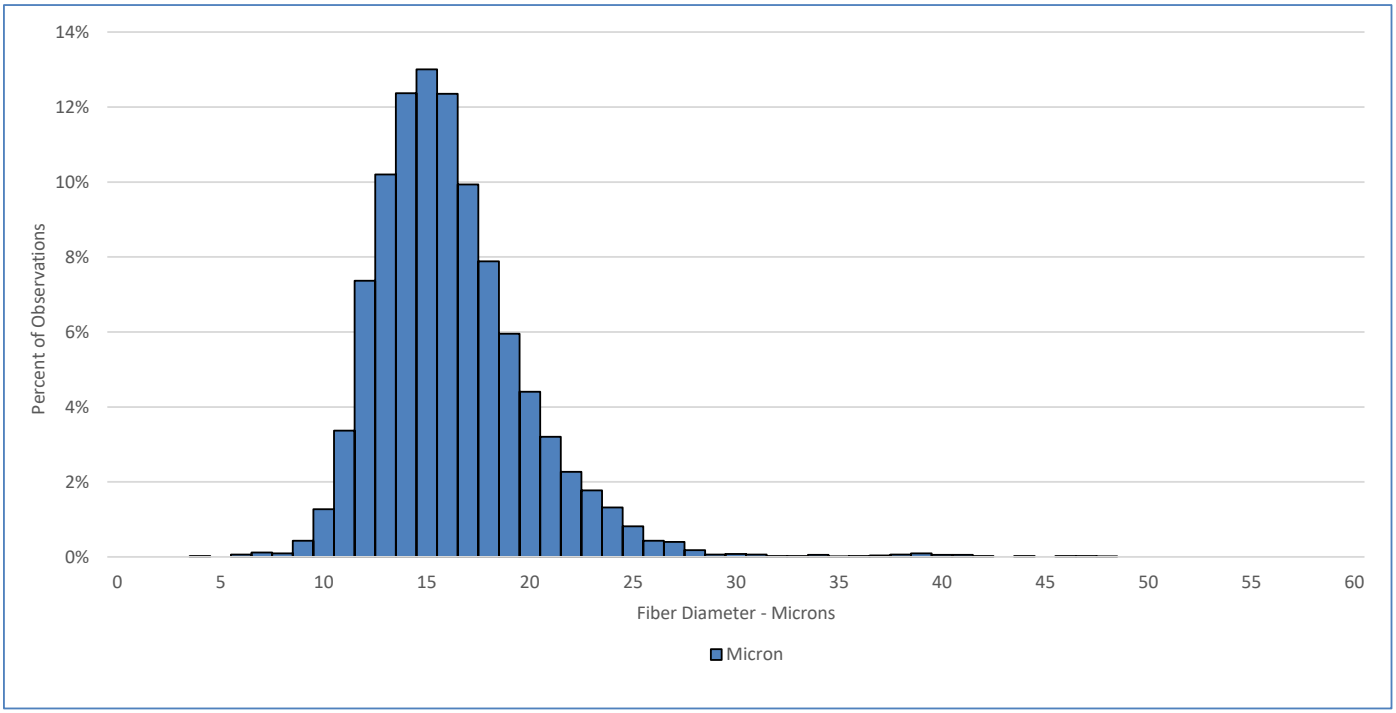
Flying Iron Ranch		Date:	9-Jul-26
4019 County Rd 1, Montrose		Shear ID:	283532
CO 81403, US		Test No:	627299

Animal and Sample Description

Animal Name:	FIR ROCKETTE BY JETSON	Date of Birth (Age):	11-Jul-25
Registry #:	36337675	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	18-May-26
Sex:	Female	Previous Shear Date:	11-Jul-25
Colour:	360 - Bay Black	Total Fleece Wt (lbs):	3.4

Laboratory Data

Mean Fiber Diameter:	16.2 microns	Mean Staple Length:	85 mm
Standard Deviation:	3.8 microns	Length Standard Deviation:	2.3 mm
Coefficient of Variation:	23.7 %	Length Coefficient of Variation:	2.7 %
Spin Fineness:	16.2 microns	Mean Curvature:	55.5 deg/mm
Fibers Greater Than 30 microns:	0.6 %	SD Curvature:	36.2 deg/mm
Comfort Factor:	99.4 %		



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