Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

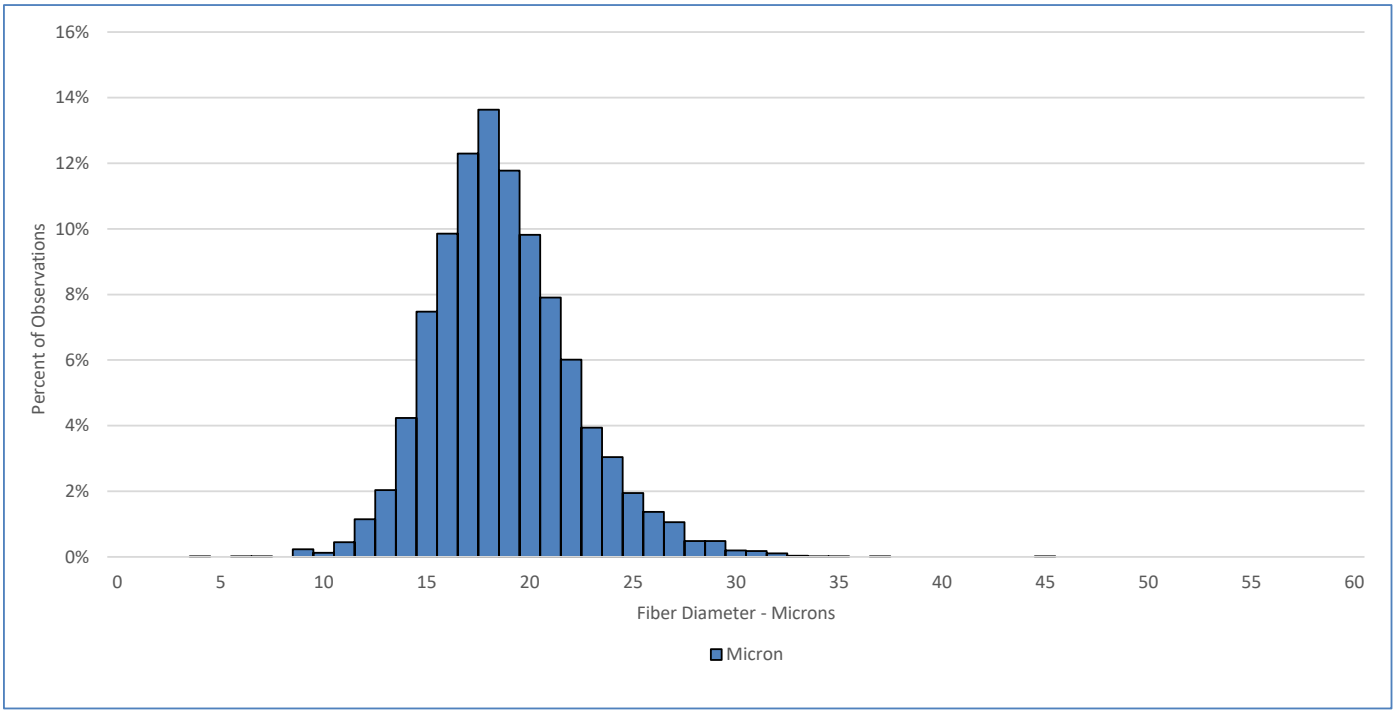
Flying Iron Ranch		Date:	9-Jul-26
4019 County Rd 1, Montrose		Shear ID:	283540
CO 81403, US		Test No:	627307

Animal and Sample Description

Animal Name:	FIR TAURUS BY JETSON	Date of Birth (Age):	11-Sep-25
Registry #:	36380312	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	18-May-26
Sex:	Male	Previous Shear Date:	11-Sep-25
Colour:	500 - True Black	Total Fleece Wt (lbs):	3.6

Laboratory Data

Mean Fiber Diameter:	18.8 microns	Mean Staple Length:	86 mm
Standard Deviation:	3.5 microns	Length Standard Deviation:	8.3 mm
Coefficient of Variation:	18.8 %	Length Coefficient of Variation:	9.7 %
Spin Fineness:	17.9 microns	Mean Curvature:	45.1 deg/mm
Fibers Greater Than 30 microns:	0.4 %	SD Curvature:	33.9 deg/mm
Comfort Factor:	99.6 %		



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

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