Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

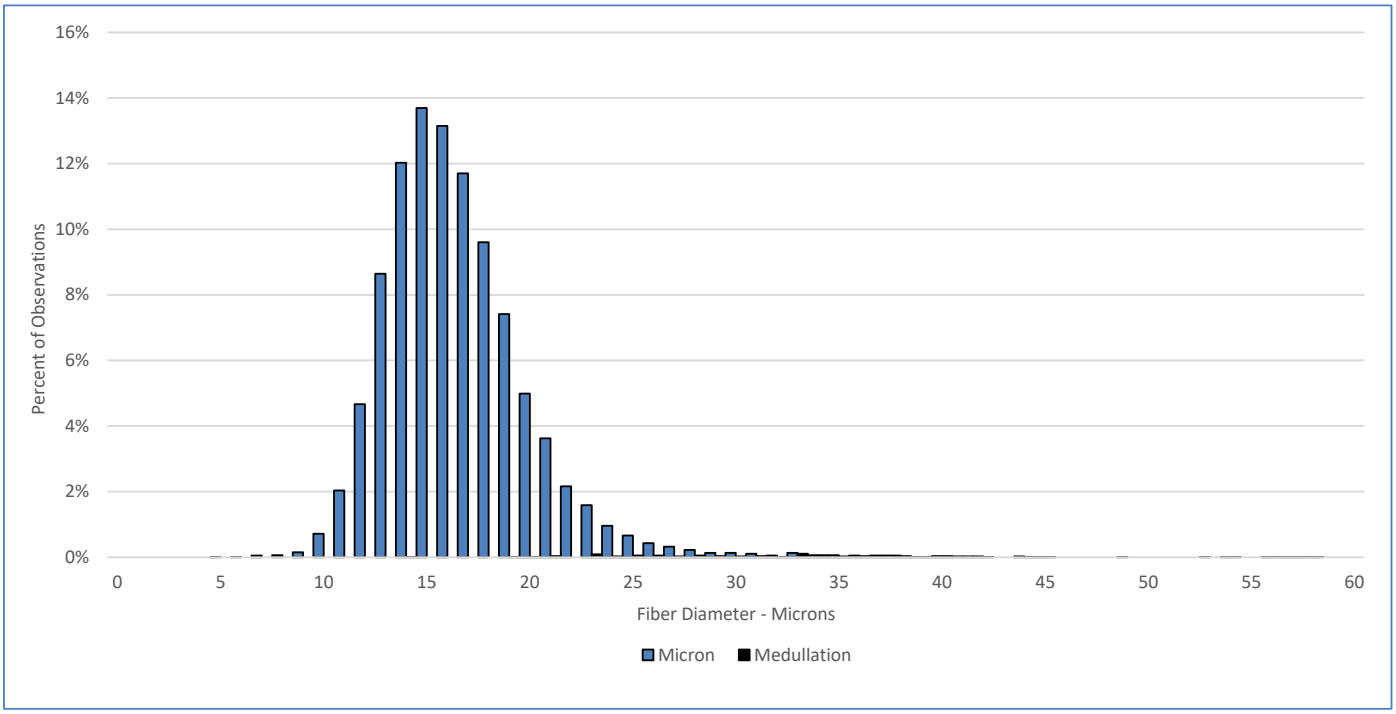
Flying Iron Ranch		Date:	9-Jul-26
4019 County Rd 1, Montrose		Shear ID:	283511
CO 81403, US		Test No:	627278

Animal and Sample Description

Animal Name:	BELVEDERE'S TITO	Date of Birth (Age):	3-Sep-23
Registry #:	36191130	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	18-May-26
Sex:	Male	Previous Shear Date:	6-May-25
Colour:	100 - White	Total Fleece Wt (lbs):	7.6

Laboratory Data

Mean Fiber Diameter:	16.6 microns	Mean Staple Length:	80 mm
Standard Deviation:	3.8 microns	Length Standard Deviation:	3.1 mm
Coefficient of Variation:	22.7 %	Length Coefficient of Variation:	3.9 %
Spin Fineness:	16.4 microns	Mean Curvature:	67.3 deg/mm
Fibers Greater Than 30 microns:	0.8 %	SD Curvature:	41.5 deg/mm
Comfort Factor:	99.2 %	Medullated Fibers:	1.0 %



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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