Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

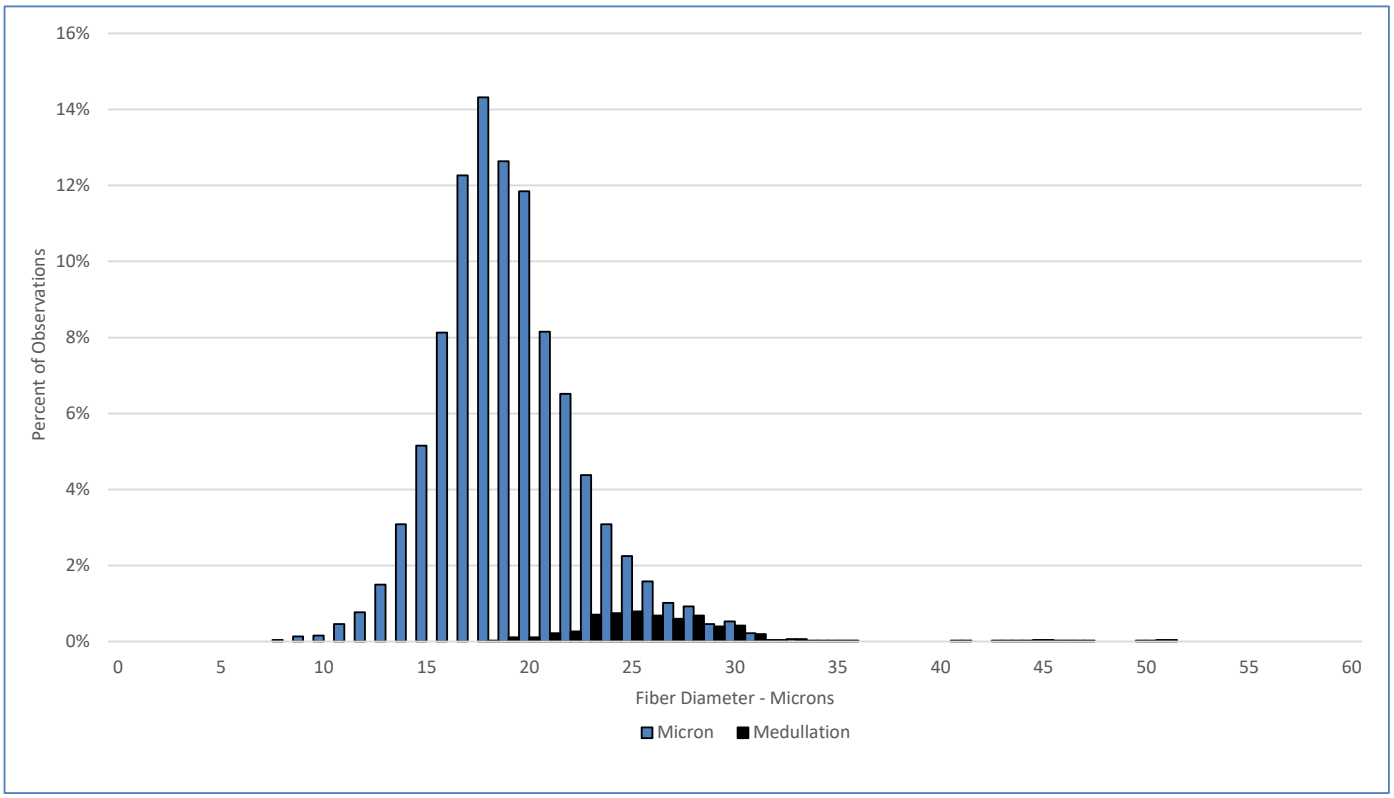
Flying Iron Ranch		Date:	18-Sep-25
3030 McKinney Ave, Dallas		Shear ID:	278282
TX 75204, US		Test No:	624384

Animal and Sample Description

Animal Name:	FIR ROMEO	Date of Birth (Age):	12-Jun-24
Registry #:	36191185	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	6-May-25
Sex:	Male	Previous Shear Date:	12-Jun-24
Colour:	100 - White	Total Fleece Wt (lbs):	7.2

Laboratory Data

Mean Fiber Diameter:	19.2 microns	Mean Staple Length:	133 mm
Standard Deviation:	3.7 microns	Length Standard Deviation:	8.4 mm
Coefficient of Variation:	19.0 %	Length Coefficient of Variation:	6.3 %
Spin Fineness:	18.4 microns	Mean Curvature:	55.1 deg/mm
Fibers Greater Than 30 microns:	0.6 %	SD Curvature:	42.2 deg/mm
Comfort Factor:	99.4 %	Medullated Fibers:	6.3 %



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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