Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

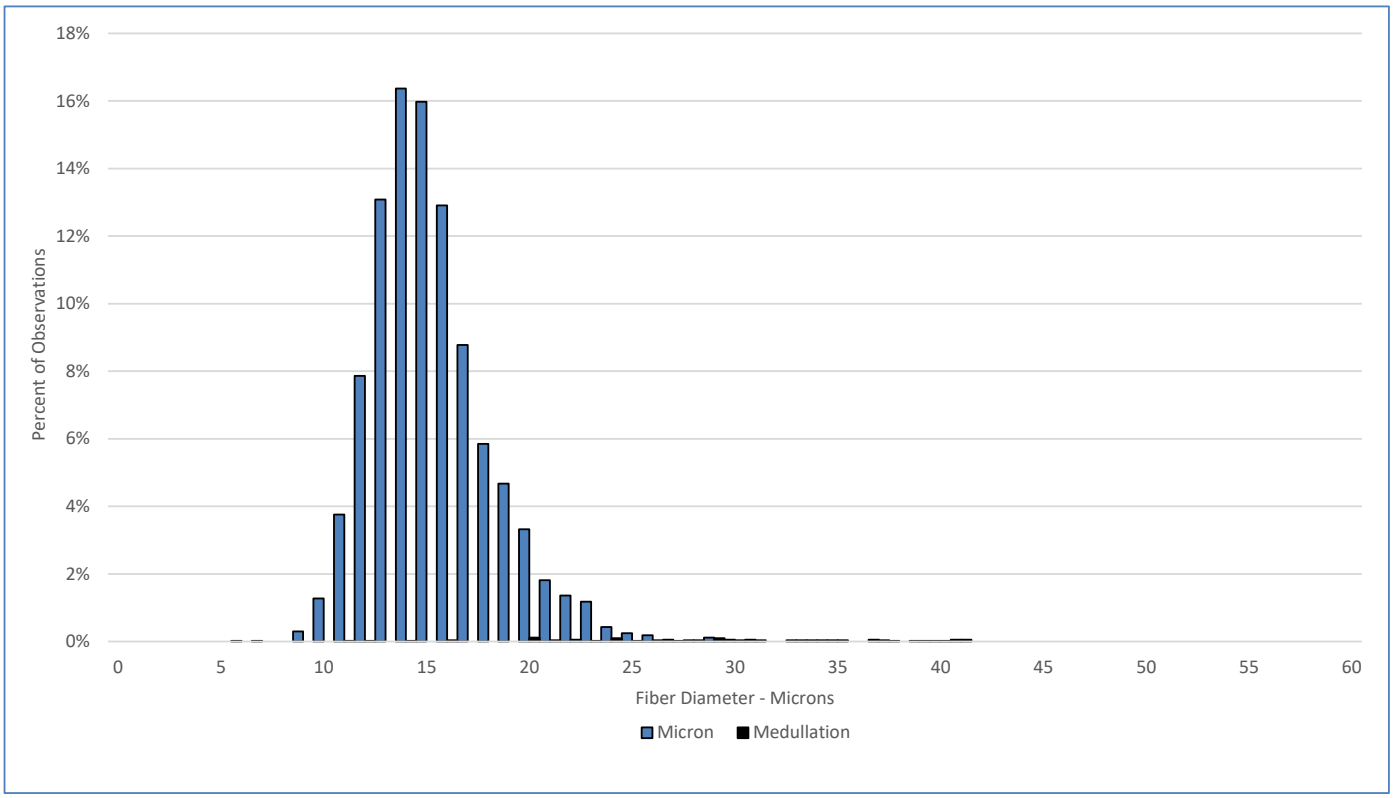
Flying Iron Ranch		Date:	18-Sep-25
3030 McKinney Ave, Dallas		Shear ID:	278286
TX 75204, US		Test No:	624388

Animal and Sample Description

Animal Name:	FIR VALENTINE	Date of Birth (Age):	29-Aug-24
Registry #:	36009879	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	6-May-25
Sex:	Female	Previous Shear Date:	29-Aug-24
Colour:	201 - Beige	Total Fleece Wt (lbs):	4.0

Laboratory Data

Mean Fiber Diameter:	15.4 microns	Mean Staple Length:	137 mm
Standard Deviation:	3.1 microns	Length Standard Deviation:	6.7 mm
Coefficient of Variation:	20.3 %	Length Coefficient of Variation:	4.9 %
Spin Fineness:	14.9 microns	Mean Curvature:	50.0 deg/mm
Fibers Greater Than 30 microns:	0.3 %	SD Curvature:	42.1 deg/mm
Comfort Factor:	99.7 %	Medullated Fibers:	0.9 %



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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