Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

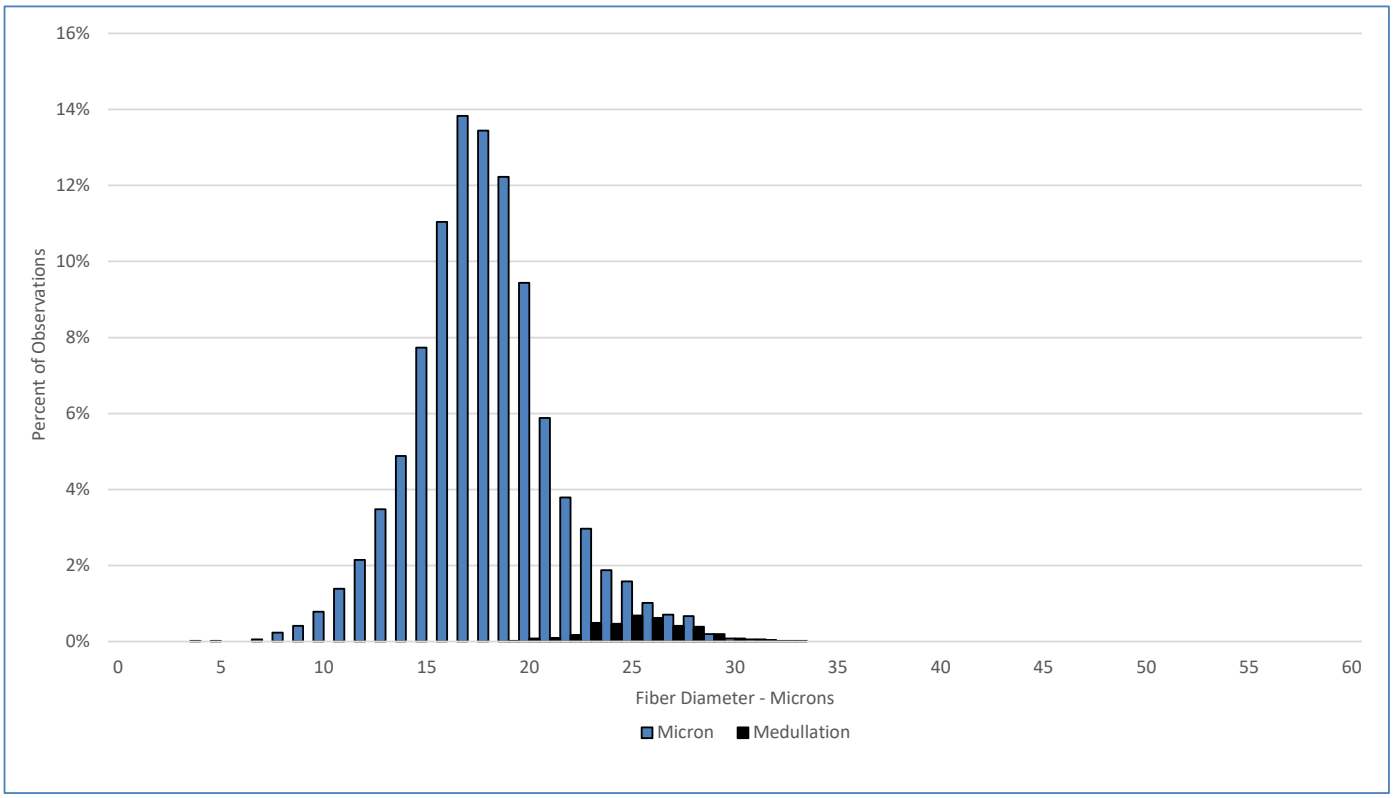
Tierra Prometida Alpacas		Date:	9-Jul-25
4805 Farm to Market 32, Fischer		Shear ID:	276128
TX 78623, US		Test No:	623462

Animal and Sample Description

Animal Name:	XANADU Sweet Refrain	Date of Birth (Age):	2-Dec-23
Registry #:	36313631	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	5-May-25
Sex:	Female	Previous Shear Date:	27-Apr-24
Colour:	100 - White	Total Fleece Wt (lbs):	9.8

Laboratory Data

Mean Fiber Diameter:	18.0 microns	Mean Staple Length:	132 mm
Standard Deviation:	3.4 microns	Length Standard Deviation:	6.1 mm
Coefficient of Variation:	19.2 %	Length Coefficient of Variation:	4.6 %
Spin Fineness:	17.2 microns	Mean Curvature:	54.1 deg/mm
Fibers Greater Than 30 microns:	0.1 %	SD Curvature:	38.1 deg/mm
Comfort Factor:	99.9 %	Medullated Fibers:	3.8 %



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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