Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

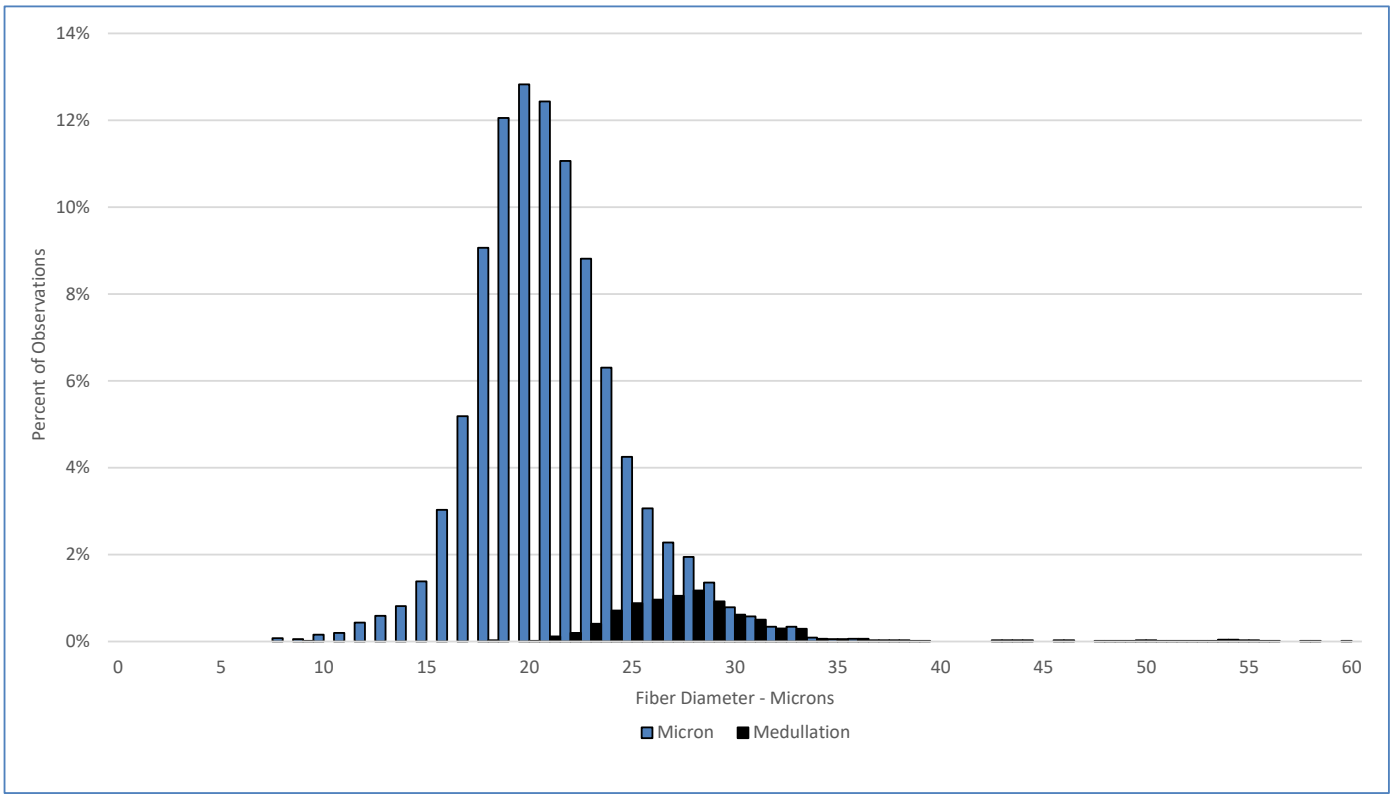
Spirit Falls Ranch		Date:	17-Sep-25
77 Mcnichols Rd, Cook		Shear ID:	274625
WA 98605, US		Test No:	624167

Animal and Sample Description

Animal Name:	NPA Liberty Bell	Date of Birth (Age):	20-May-20
Registry #:	35413516	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	12-Apr-25
Sex:	Female	Previous Shear Date:	28-Apr-24
Colour:	100-White	Total Fleece Wt (lbs):	6.80

Laboratory Data

Mean Fiber Diameter:	21.2 microns	Mean Staple Length:	107 mm
Standard Deviation:	3.9 microns	Length Standard Deviation:	2.6 mm
Coefficient of Variation:	18.6 %	Length Coefficient of Variation:	2.4 %
Spin Fineness:	20.3 microns	Mean Curvature:	52.4 deg/mm
Fibers Greater Than 30 microns:	1.8 %	SD Curvature:	39.7 deg/mm
Comfort Factor:	98.2 %	Medullated Fibers:	8.7 %



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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