Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

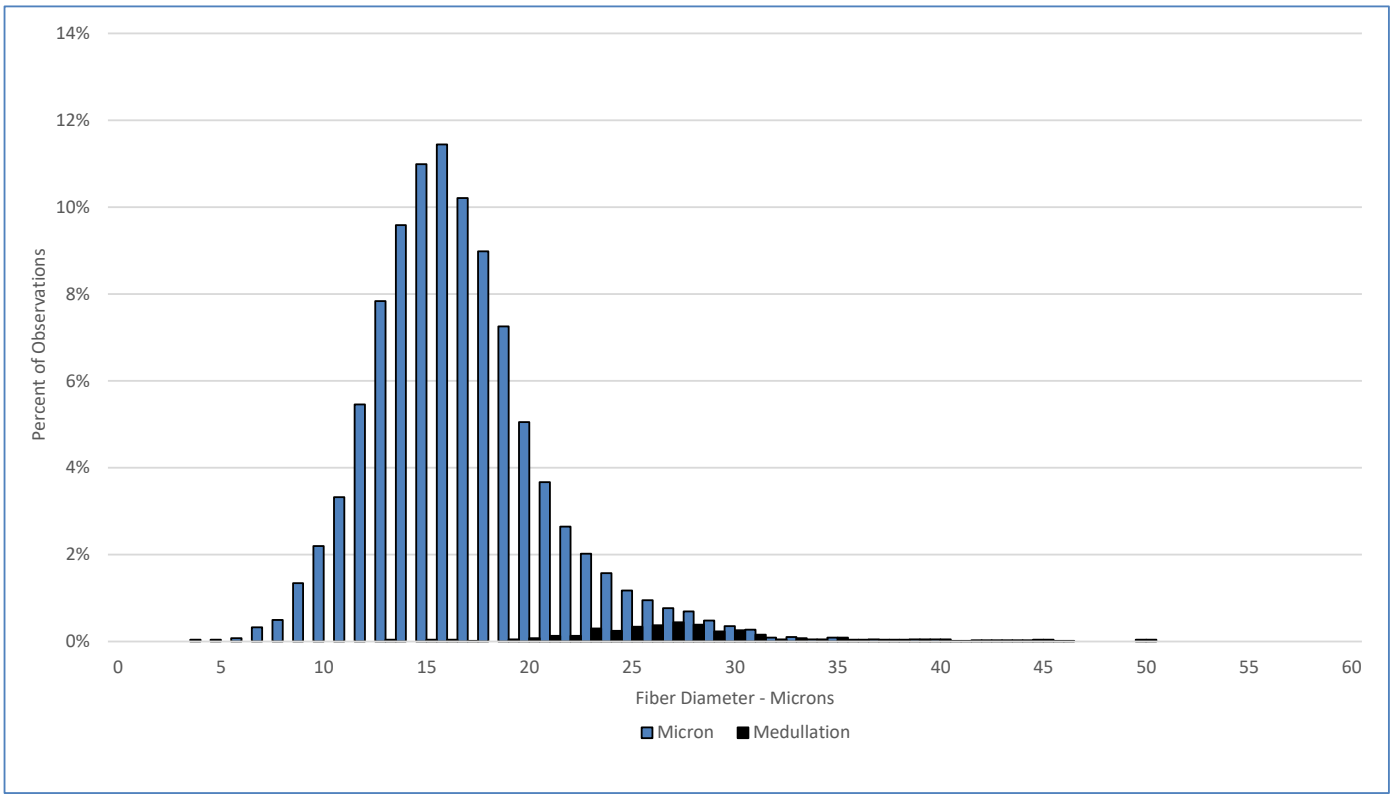
Sugar Pike Alpacas		Date:	18-Aug-25
401 Addle Lane, Canton		Shear ID:	276829
GA 30115, US		Test No:	624080

Animal and Sample Description

Animal Name:	RAINBOWRANCH's Bolt	Date of Birth (Age):	7-Aug-24
Registry #:	36346714	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	3-May-25
Sex:	Male	Previous Shear Date:	7-Aug-24
Colour:	201 - Beige	Total Fleece Wt (lbs):	3.52

Laboratory Data

Mean Fiber Diameter:	16.8 microns	Mean Staple Length:	93 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	6.5 mm
Coefficient of Variation:	26.7 %	Length Coefficient of Variation:	6.9 %
Spin Fineness:	17.2 microns	Mean Curvature:	50.5 deg/mm
Fibers Greater Than 30 microns:	1.0 %	SD Curvature:	36.4 deg/mm
Comfort Factor:	99.0 %	Medullated Fibers:	3.9 %



Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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