Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Buttermilk Forty Alpacas
17363 Ream Spring Road, Sedalia
MO 65301, US

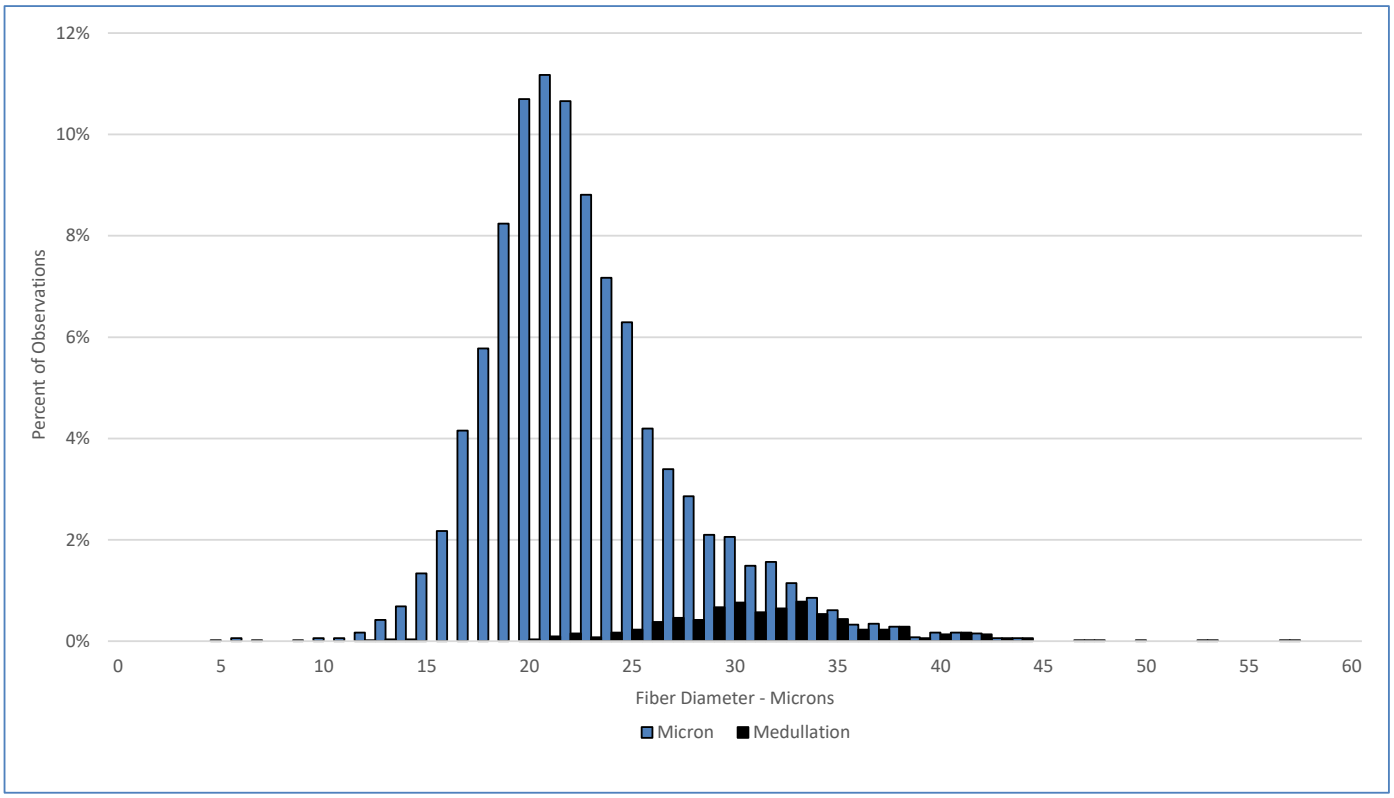
Date: 20-Jul-26
Shear ID: 282960
Test No: 627470

Animal and Sample Description

Animal Name:	Luey's Gordon	Date of Birth (Age):	4-Aug-25
Registry #:	36305827	Sample Location:	GRID
Breed:	Suri	Sample Date:	13-Apr-26
Sex:	Male	Previous Shear Date:	4-Aug-25
Colour:	202 - Light Fawn	Total Fleece Wt (lbs):	4.4

Laboratory Data

Mean Fiber Diameter:	22.8 microns	Mean Staple Length:	153 mm
Standard Deviation:	4.8 microns	Length Standard Deviation:	1.2 mm
Coefficient of Variation:	21.2 %	Length Coefficient of Variation:	0.8 %
Spin Fineness:	22.2 microns	Mean Curvature:	27.8 deg/mm
Fibers Greater Than 30 microns:	7.4 %	SD Curvature:	31.0 deg/mm
Comfort Factor:	92.6 %	Medullated Fibers:	7.9 %



The OFDA100 base cut method minimizes the effects of environmental variability and provides more accurate comparisons of genetic capability. Average staple length is determined from multiple staples measured using a calibrated electronic length instrument, and is important for managing yarn processing outcomes.

Test Performed According to Method AS/NZS 4492.5:2000

Jeremy Wear
Business Manager

Ioasa Kosena
Authorised Signatory

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