Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

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

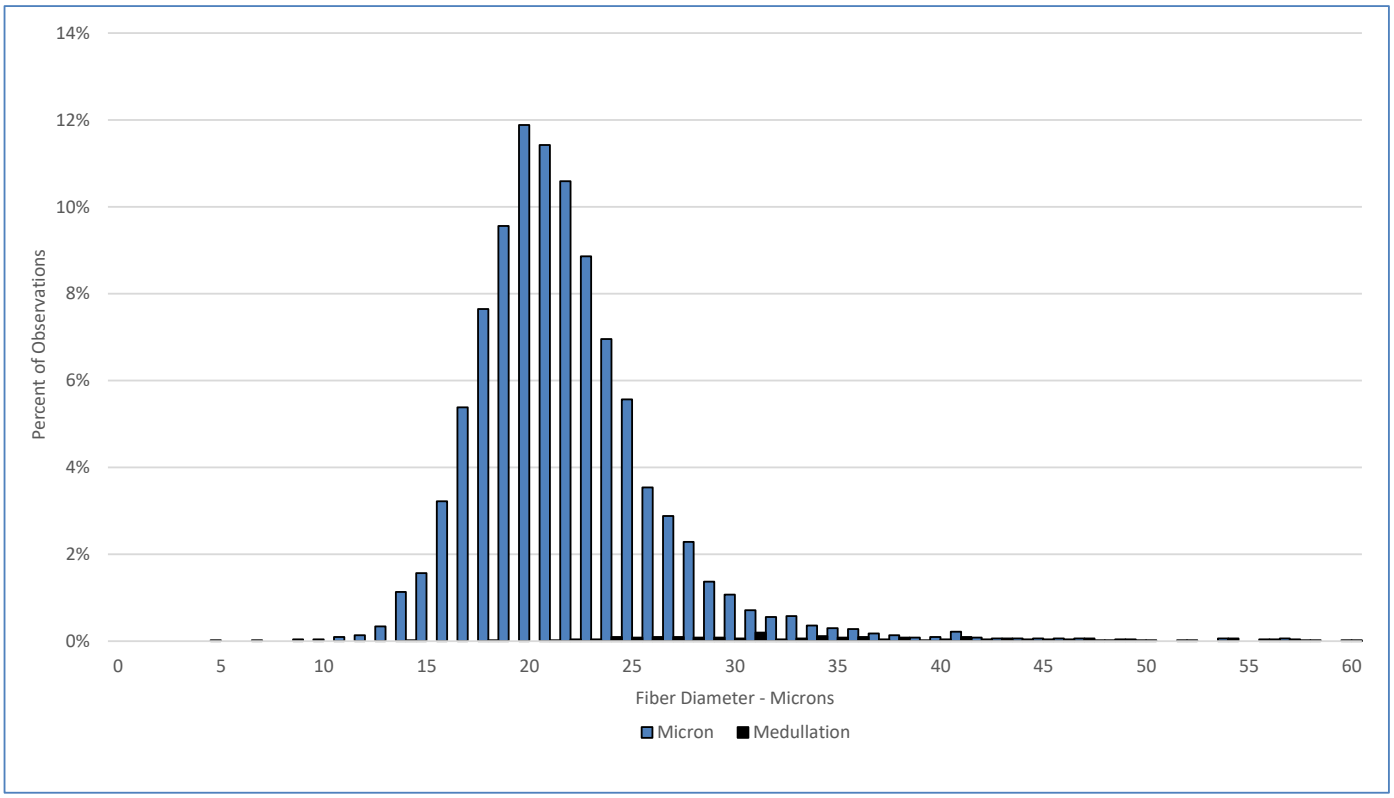
Date: 20-Jul-26
Shear ID: 282959
Test No: 627469

Animal and Sample Description

Animal Name:	Hollywood's Oscar	Date of Birth (Age):	21-Jul-25
Registry #:	36305810	Sample Location:	GRID
Breed:	Suri	Sample Date:	13-Apr-26
Sex:	Male	Previous Shear Date:	21-Jul-25
Colour:	202 - Light Fawn	Total Fleece Wt (lbs):	5.0

Laboratory Data

Mean Fiber Diameter:	22.0 microns	Mean Staple Length:	160 mm
Standard Deviation:	5.1 microns	Length Standard Deviation:	10.0 mm
Coefficient of Variation:	23.2 %	Length Coefficient of Variation:	6.2 %
Spin Fineness:	21.8 microns	Mean Curvature:	27.8 deg/mm
Fibers Greater Than 30 microns:	4.4 %	SD Curvature:	30.6 deg/mm
Comfort Factor:	95.6 %	Medullated Fibers:	2.4 %



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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