Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Maple Ridge Acres
101 Concession 11 East, Freelton
ON L8B 1H7, Canada

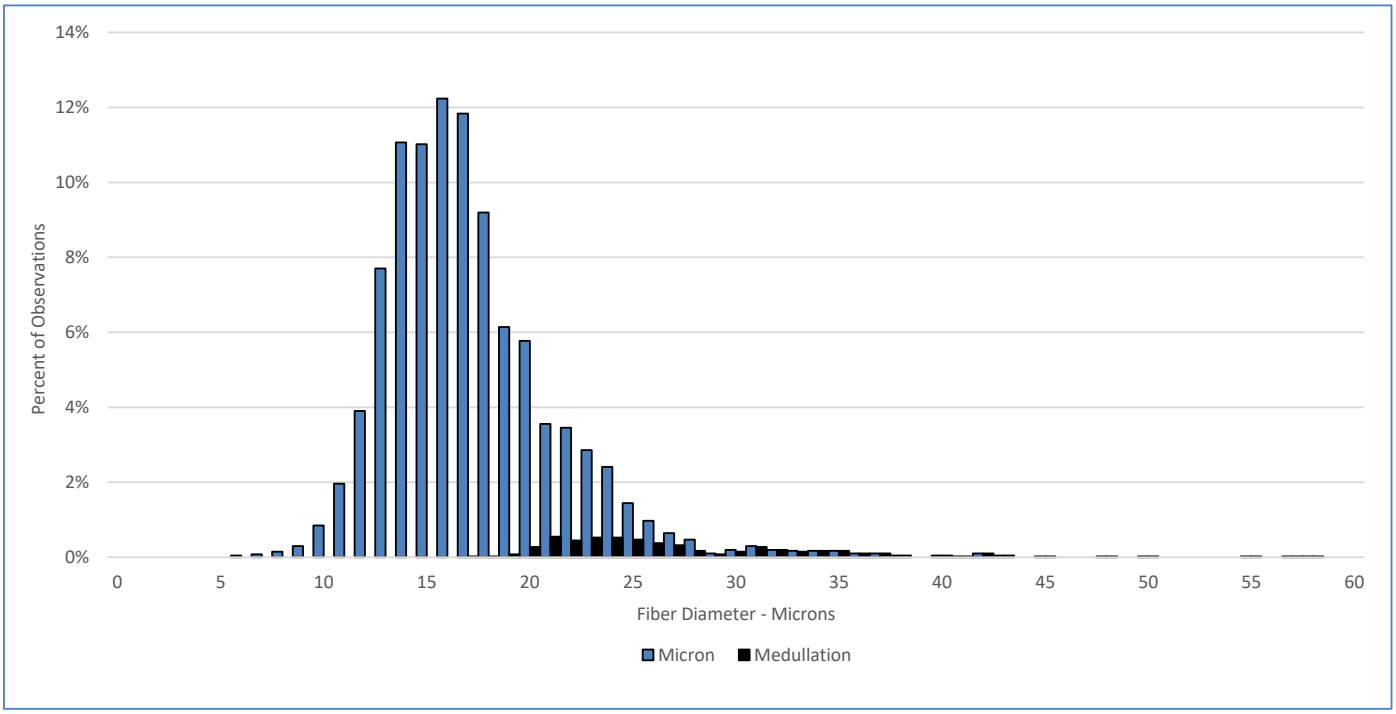
Date: 9-Jul-26
Shear ID: 282206
Test No: 627319

Animal and Sample Description

Animal Name:	Forest Cove Golden Boy's Micah	Date of Birth (Age):	4-Jun-25
Registry #:	36430321	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	9-May-26
Sex:	Female	Previous Shear Date:	4-Jun-25
Colour:	202 - Light Fawn	Total Fleece Wt (lbs):	4.6

Laboratory Data

Mean Fiber Diameter:	17.3 microns	Mean Staple Length:	137 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	8.8 mm
Coefficient of Variation:	25.8 %	Length Coefficient of Variation:	6.4 %
Spin Fineness:	17.6 microns	Mean Curvature:	56.1 deg/mm
Fibers Greater Than 30 microns:	1.6 %	SD Curvature:	37.2 deg/mm
Comfort Factor:	98.4 %	Medullated Fibers:	5.6 %



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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