Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Patriot Lane Alpacas
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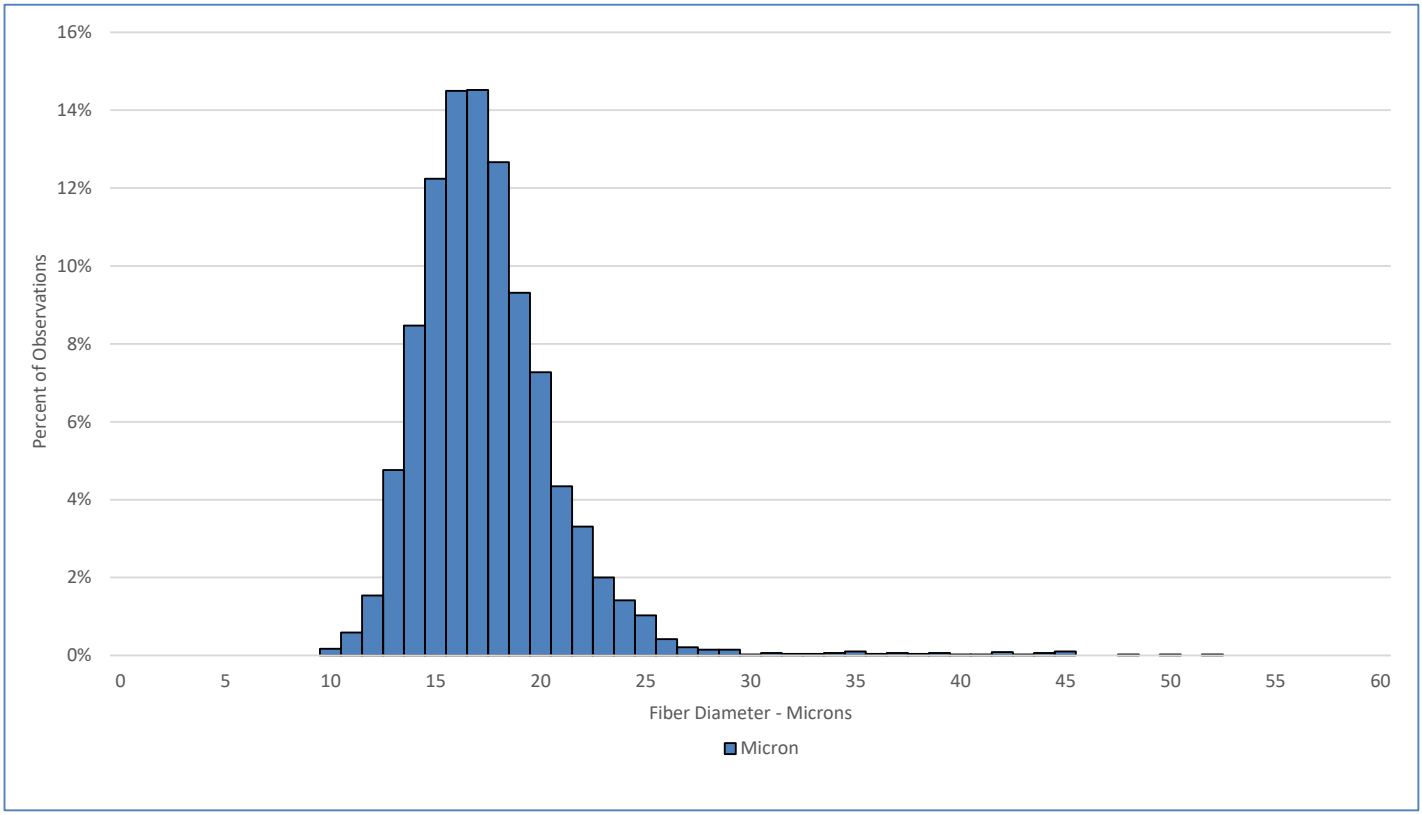
Date: 28-Aug-25
Shear ID: 278555
Test No: 624420

Animal and Sample Description

Animal Name:	Tulach Ard of Hilander	Date of Birth (Age):	11-Jun-24
Registry #:	36372539	Sample Location:	GRID
Breed:	Suri	Sample Date:	25-May-25
Sex:	Male	Previous Shear Date:	11-Jun-24
Colour:	301 - Medium Brown	Total Fleece Wt (lbs):	

Laboratory Data

Mean Fiber Diameter:	17.5 microns	Mean Staple Length:	184 mm
Standard Deviation:	3.6 microns	Length Standard Deviation:	5.7 mm
Coefficient of Variation:	20.5 %	Length Coefficient of Variation:	3.1 %
Spin Fineness:	17.0 microns	Mean Curvature:	32.2 deg/mm
Fibers Greater Than 30 microns:	0.9 %	SD Curvature:	36.3 deg/mm
Comfort Factor:	99.1 %		



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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The validity of this document may be confirmed by contacting the address shown below

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