Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Spirit Falls Alpaca Ranch
72 Mcnichols Road, Cook
WA 98605, US

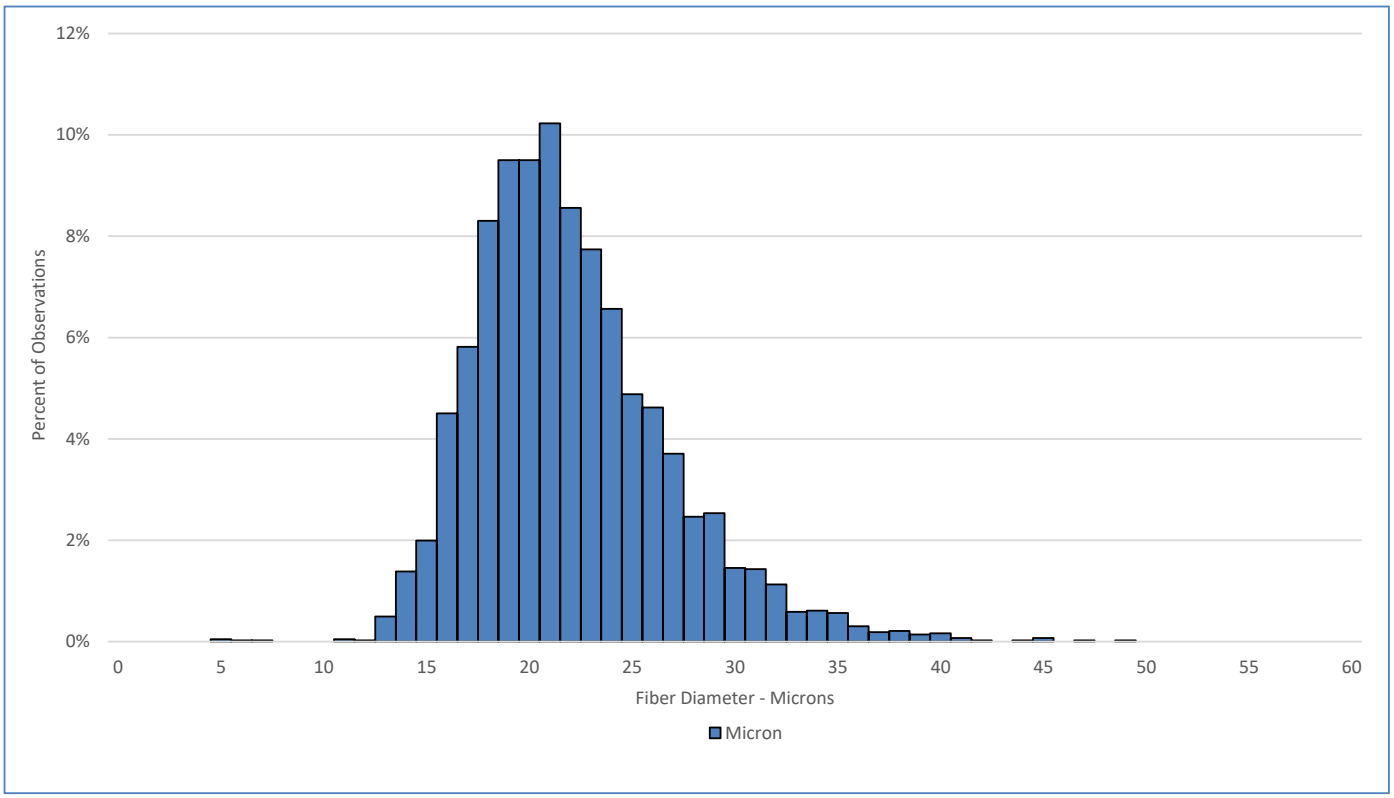
Date: 21-Aug-26
Shear ID: 287393
Test No: 628277

Animal and Sample Description

Animal Name:	EVERLASTING HIGHLANDER'S PAISLEY	Date of Birth (Age):	17-Jun-19
Registry #:	35369158	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	15-May-26
Sex:	Female	Previous Shear Date:	15-May-25
Colour:	Dark Fawn	Total Fleece Wt (lbs):	

Laboratory Data

Mean Fiber Diameter:	22.1 microns	Mean Staple Length:	92 mm
Standard Deviation:	4.8 microns	Length Standard Deviation:	4.1 mm
Coefficient of Variation:	21.7 %	Length Coefficient of Variation:	4.4 %
Spin Fineness:	21.6 microns	Mean Curvature:	54.3 deg/mm
Fibers Greater Than 30 microns:	5.6 %	SD Curvature:	41.2 deg/mm
Comfort Factor:	94.4 %		



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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