Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

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

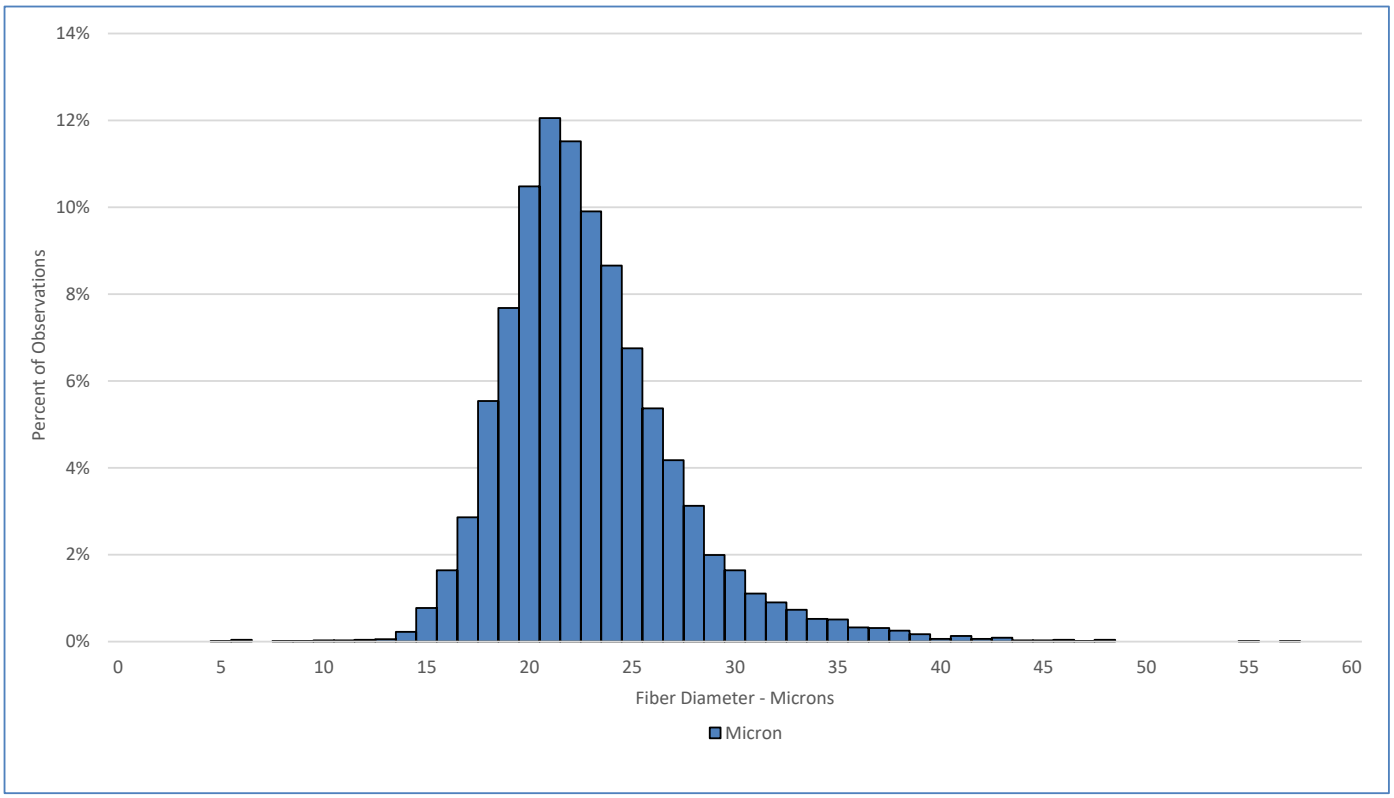
Date: 21-Aug-26
Shear ID: 287395
Test No: 628279

Animal and Sample Description

Animal Name:	HERITAGE LOVERS FROST	Date of Birth (Age):	10-Aug-23
Registry #:	36313365	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	15-May-26
Sex:	Female	Previous Shear Date:	15-May-25
Colour:	Dark Silver Grey	Total Fleece Wt (lbs):	

Laboratory Data

Mean Fiber Diameter:	22.9 microns	Mean Staple Length:	110 mm
Standard Deviation:	4.3 microns	Length Standard Deviation:	1.2 mm
Coefficient of Variation:	19.0 %	Length Coefficient of Variation:	1.1 %
Spin Fineness:	21.9 microns	Mean Curvature:	47.2 deg/mm
Fibers Greater Than 30 microns:	5.4 %	SD Curvature:	34.5 deg/mm
Comfort Factor:	94.6 %		



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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