Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sweetgrass & Sage Alpaca & Wellness Farm
301 Pleasant Hill Rd 19, Chehalis
WA 98532-7100, US

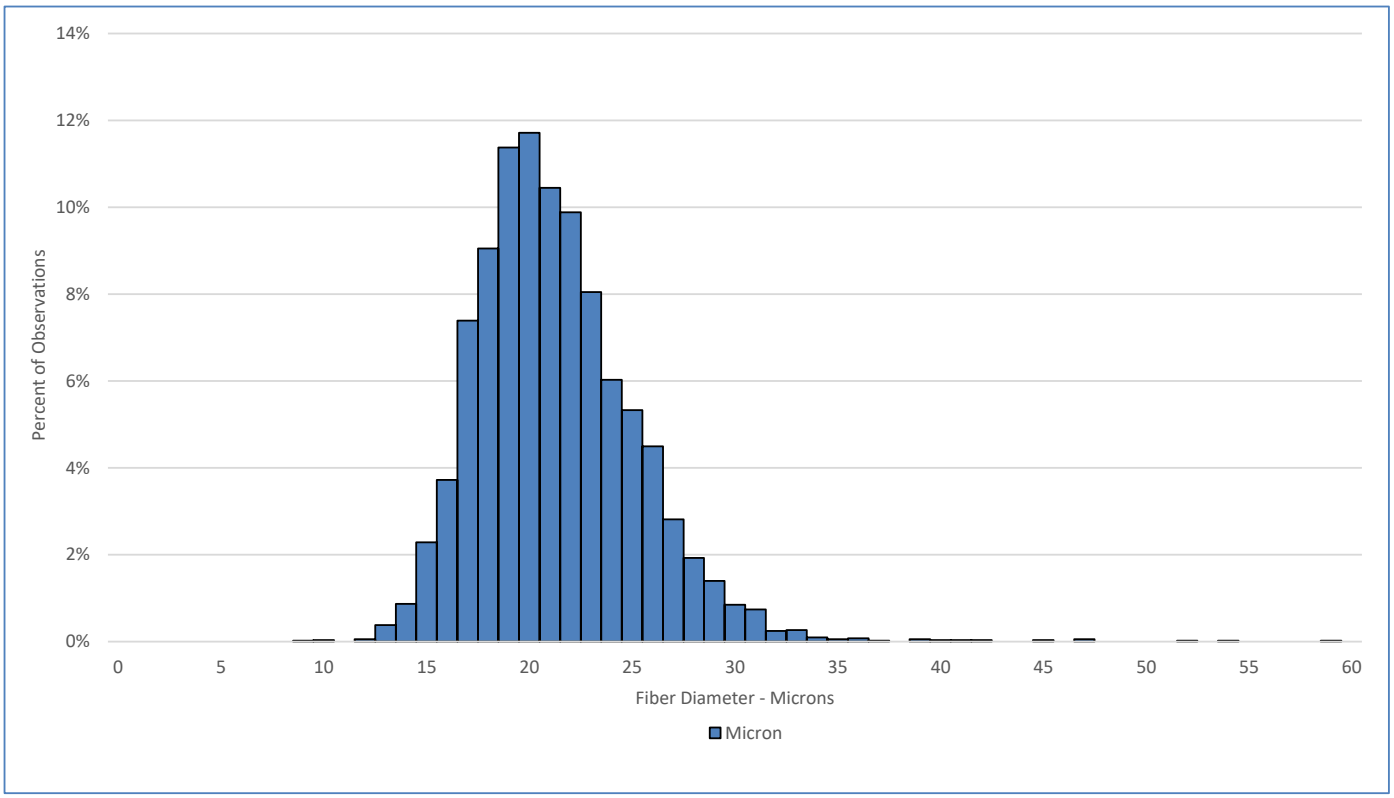
Date: 26-Jun-26
Shear ID: 282766
Test No: 627162

Animal and Sample Description

Animal Name:	Sunny Andean Benjamin	Date of Birth (Age):	1-Aug-24
Registry #:	36342723	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	26-May-26
Sex:	Male	Previous Shear Date:	27-May-25
Colour:	301 - Medium Brown	Total Fleece Wt (lbs):	8

Laboratory Data

Mean Fiber Diameter:	21.3 microns	Mean Staple Length:	113 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	2.5 mm
Coefficient of Variation:	20.6 %	Length Coefficient of Variation:	2.2 %
Spin Fineness:	20.7 microns	Mean Curvature:	51.8 deg/mm
Fibers Greater Than 30 microns:	1.9 %	SD Curvature:	35.4 deg/mm
Comfort Factor:	98.1 %		



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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