Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Shf Alpacas
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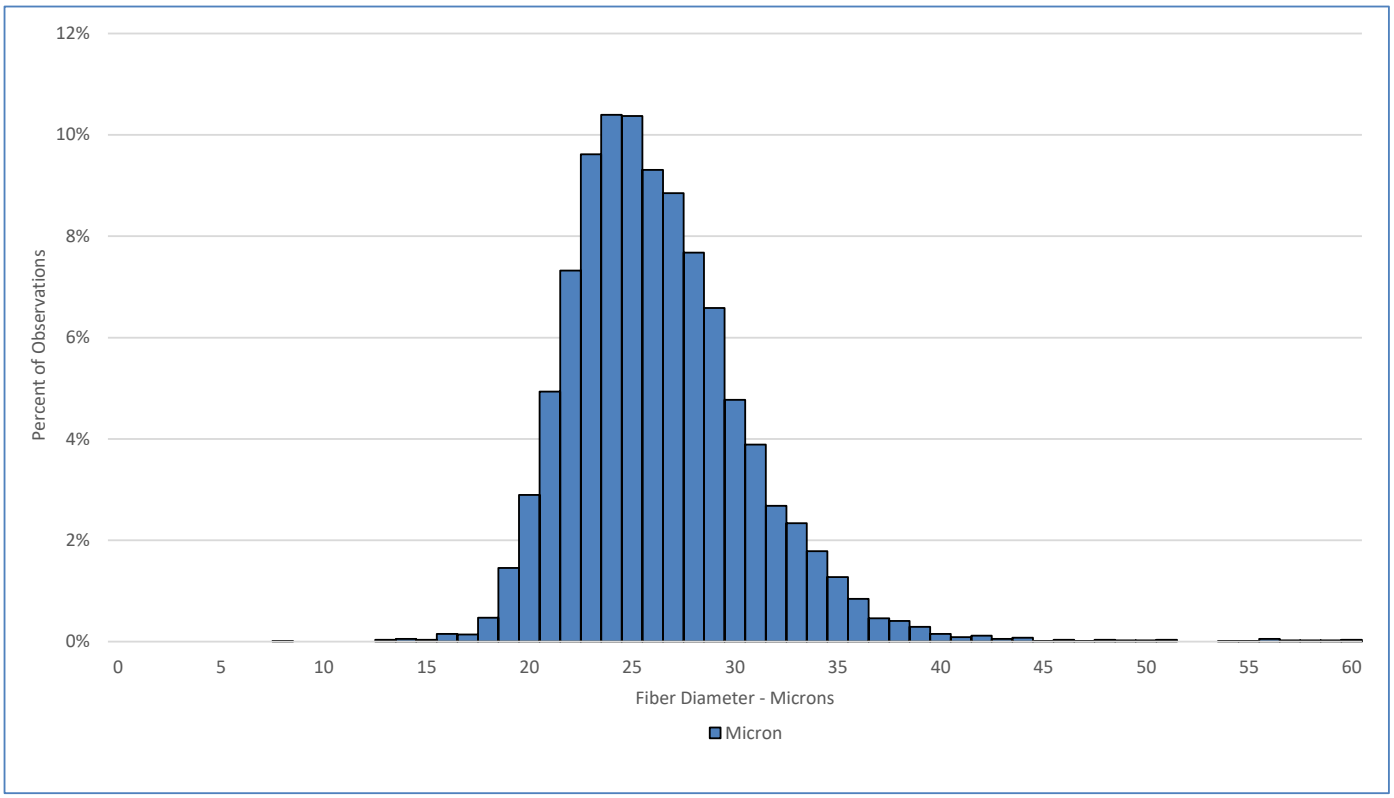
Date: 23-Jun-26
Shear ID: 280419
Test No: 626860

Animal and Sample Description

Animal Name:	SUGAR HOLLOW's Long Tall Sally	Date of Birth (Age):	24-May-21
Registry #:	35574071	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	28-Apr-26
Sex:	Female	Previous Shear Date:	21-Apr-25
Colour:	204 - Medium Fawn	Total Fleece Wt (lbs):	8.9

Laboratory Data

Mean Fiber Diameter:	26.3 microns	Mean Staple Length:	84 mm
Standard Deviation:	4.6 microns	Length Standard Deviation:	6.4 mm
Coefficient of Variation:	17.4 %	Length Coefficient of Variation:	7.6 %
Spin Fineness:	24.9 microns	Mean Curvature:	44.9 deg/mm
Fibers Greater Than 30 microns:	14.9 %	SD Curvature:	31.2 deg/mm
Comfort Factor:	85.1 %		



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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