Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Shf Alpacas
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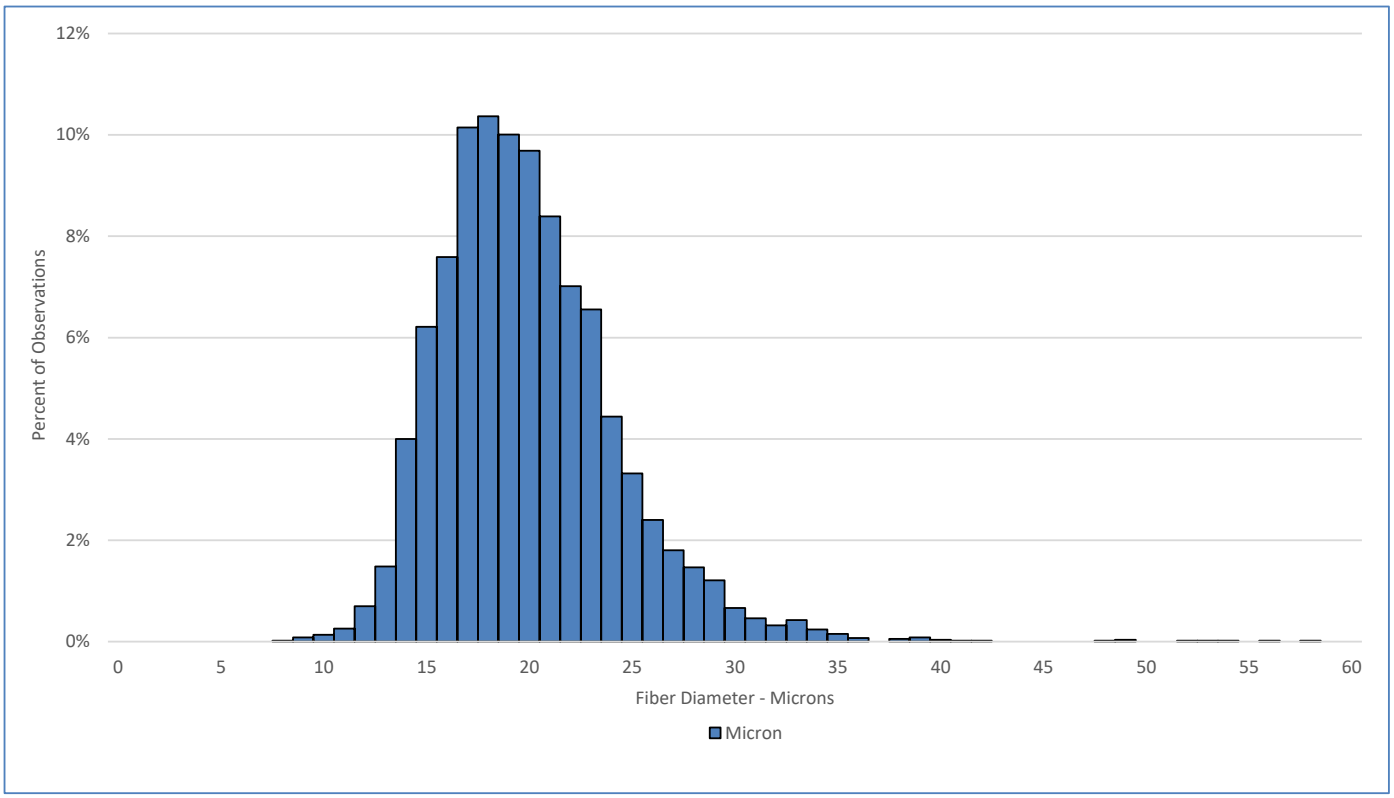
Date: 23-Jun-26
Shear ID: 280422
Test No: 626863

Animal and Sample Description

Animal Name:	SUGAR HOLLOW Matoskah's Ready Ted(	Date of Birth (Age):	16-Jun-23
Registry #:	35574057	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	28-Apr-26
Sex:	Male	Previous Shear Date:	21-Apr-25
Colour:	204 - Medium Fawn	Total Fleece Wt (lbs):	6.6

Laboratory Data

Mean Fiber Diameter:	20.0 microns	Mean Staple Length:	111 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	5.2 mm
Coefficient of Variation:	22.4 %	Length Coefficient of Variation:	4.7 %
Spin Fineness:	19.7 microns	Mean Curvature:	47.1 deg/mm
Fibers Greater Than 30 microns:	2.1 %	SD Curvature:	33.0 deg/mm
Comfort Factor:	97.9 %		



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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