Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Kraussdale Alpacas
5169 Kraussdale Rd, East Greenville
PA 18041, US

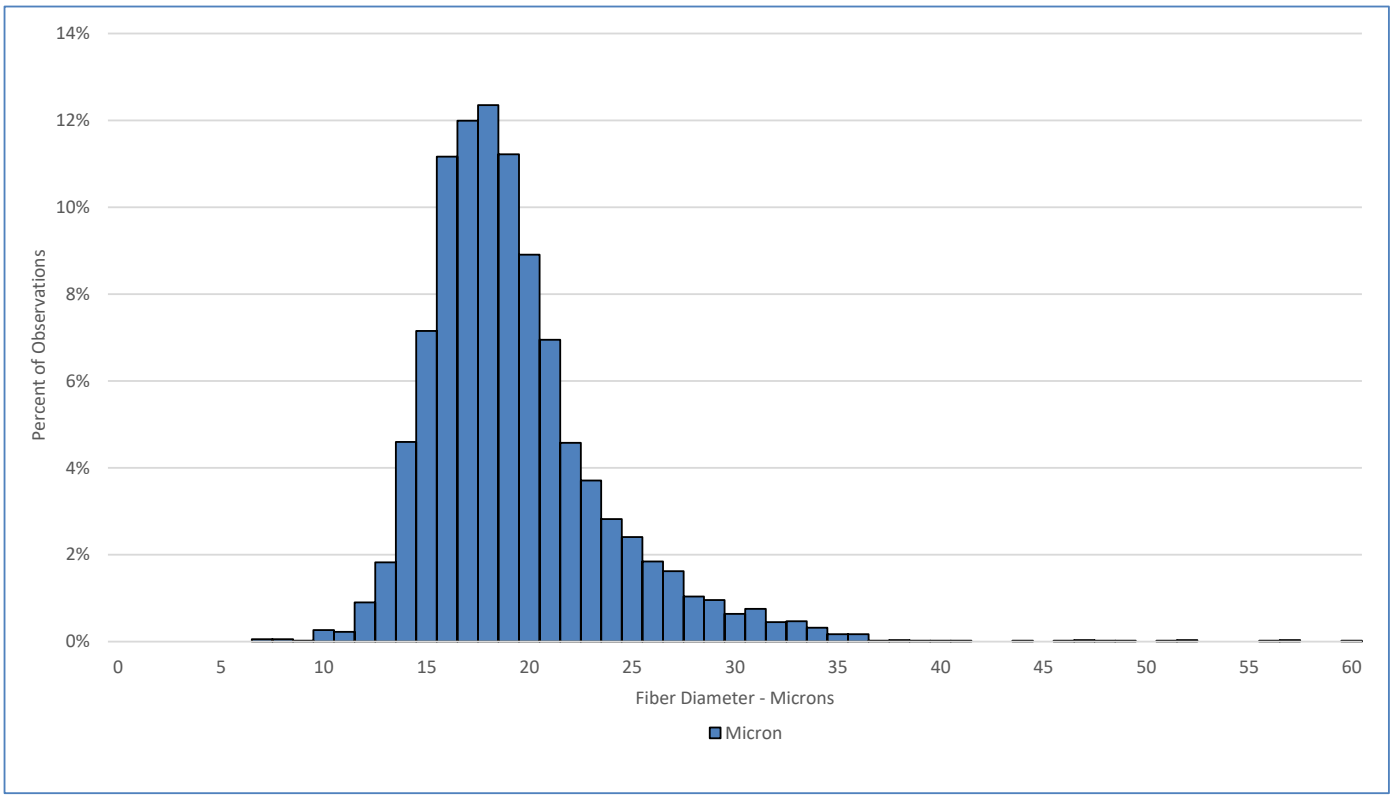
Date: 20-Aug-26
Shear ID: 285721
Test No: 628156

Animal and Sample Description

Animal Name:	Kraussdale El Hidalgo	Date of Birth (Age):	15-Aug-25
Registry #:	36301058	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	25-Apr-26
Sex:	Male	Previous Shear Date:	15-Aug-25
Colour:	500 - True Black	Total Fleece Wt (lbs):	2.4

Laboratory Data

Mean Fiber Diameter:	19.3 microns	Mean Staple Length:	116 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	3.9 mm
Coefficient of Variation:	23.4 %	Length Coefficient of Variation:	3.3 %
Spin Fineness:	19.2 microns	Mean Curvature:	47.0 deg/mm
Fibers Greater Than 30 microns:	2.7 %	SD Curvature:	36.9 deg/mm
Comfort Factor:	97.3 %		



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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