Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sawdust Alpacas
4270 Equestrian Drive, Fallon
NV 89406, US

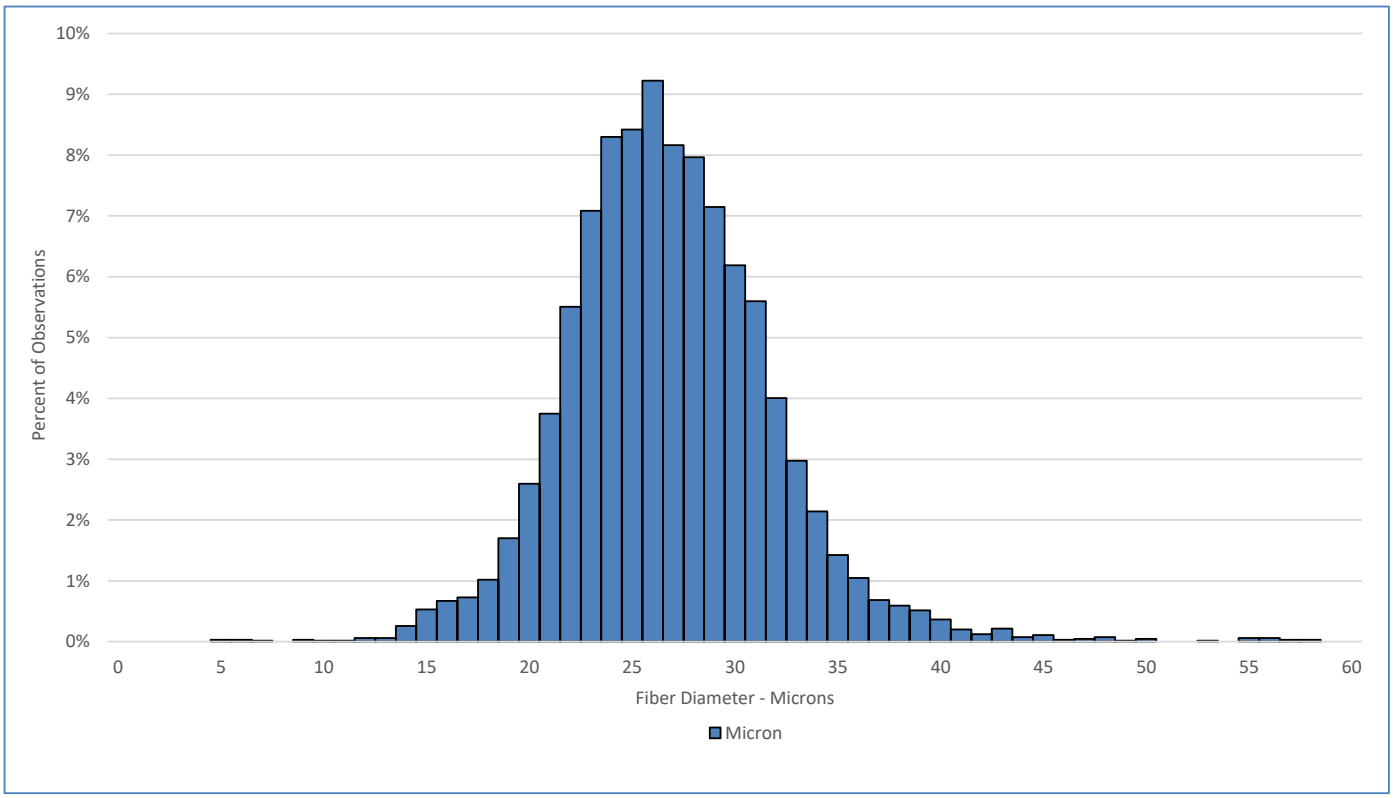
Date: 22-May-26
Shear ID: 281400
Test No: 626176

Animal and Sample Description

Animal Name:	MBFL CHAKA KHAN	Date of Birth (Age):	2-Jul-15
Registry #:	35308102	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	30-Apr-26
Sex:	Female	Previous Shear Date:	21-Apr-25
Colour:	211 - Medium Rose Grey	Total Fleece Wt (lbs):	3.00

Laboratory Data

Mean Fiber Diameter:	26.9 microns	Mean Staple Length:	72 mm
Standard Deviation:	5.1 microns	Length Standard Deviation:	2.2 mm
Coefficient of Variation:	19.0 %	Length Coefficient of Variation:	3.1 %
Spin Fineness:	25.7 microns	Mean Curvature:	43.6 deg/mm
Fibers Greater Than 30 microns:	20.5 %	SD Curvature:	33.7 deg/mm
Comfort Factor:	79.5 %		



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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