Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sawdust Alpacas
4270 Equestrian Drive, Fallon
NV 89406, US

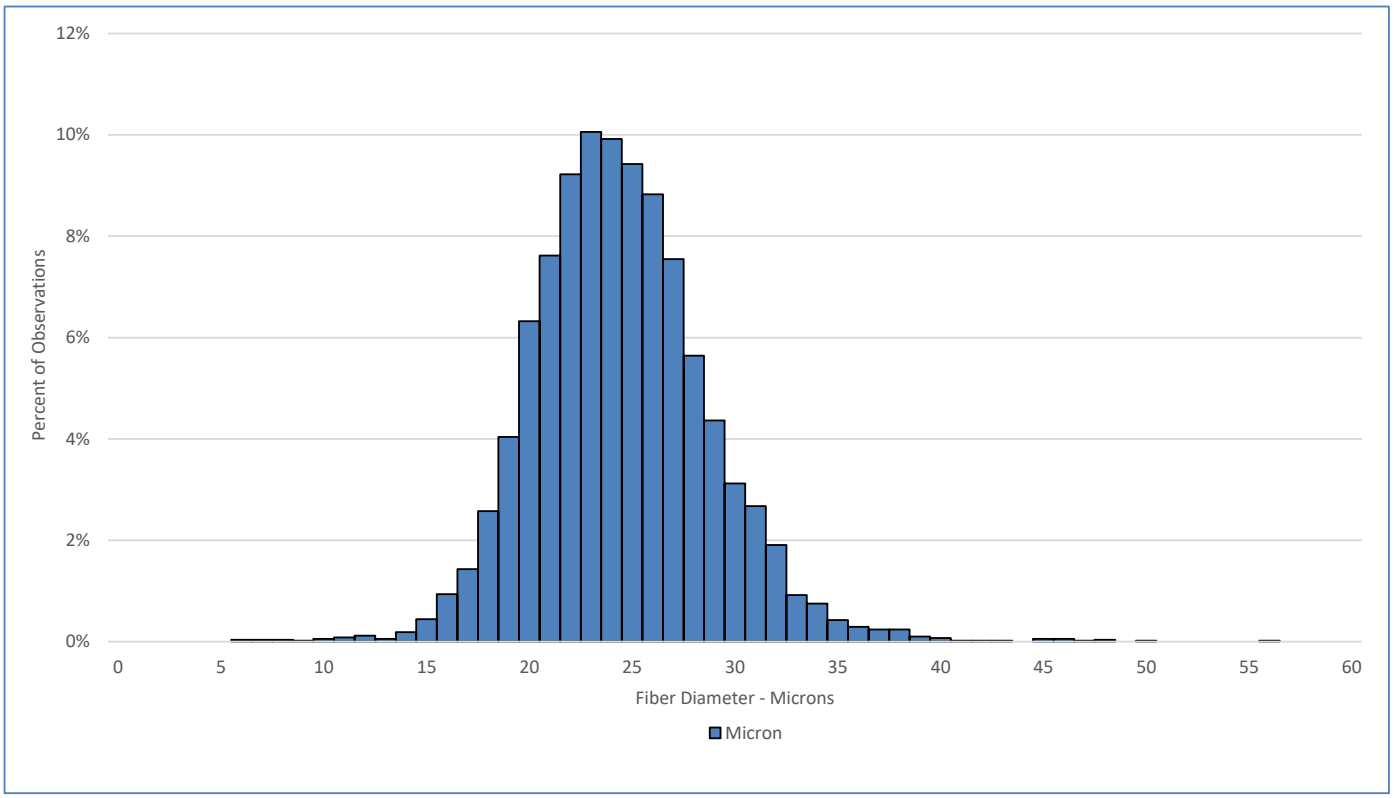
Date: 22-May-26
Shear ID: 281394
Test No: 626170

Animal and Sample Description

Animal Name:	ALPACA PALACE HOUDINI'S COUNTES	Date of Birth (Age):	14-May-17
Registry #:	35401315	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	30-Apr-26
Sex:	Female	Previous Shear Date:	21-Apr-25
Colour:	204 - Medium Fawn	Total Fleece Wt (lbs):	5.60

Laboratory Data

Mean Fiber Diameter:	24.5 microns	Mean Staple Length:	67 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	1.4 mm
Coefficient of Variation:	18.1 %	Length Coefficient of Variation:	2.2 %
Spin Fineness:	23.2 microns	Mean Curvature:	58.7 deg/mm
Fibers Greater Than 30 microns:	7.9 %	SD Curvature:	39.2 deg/mm
Comfort Factor:	92.1 %		



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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