Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sawdust Alpacas
4270 Equestrian Drive, Fallon
NV 89406, US

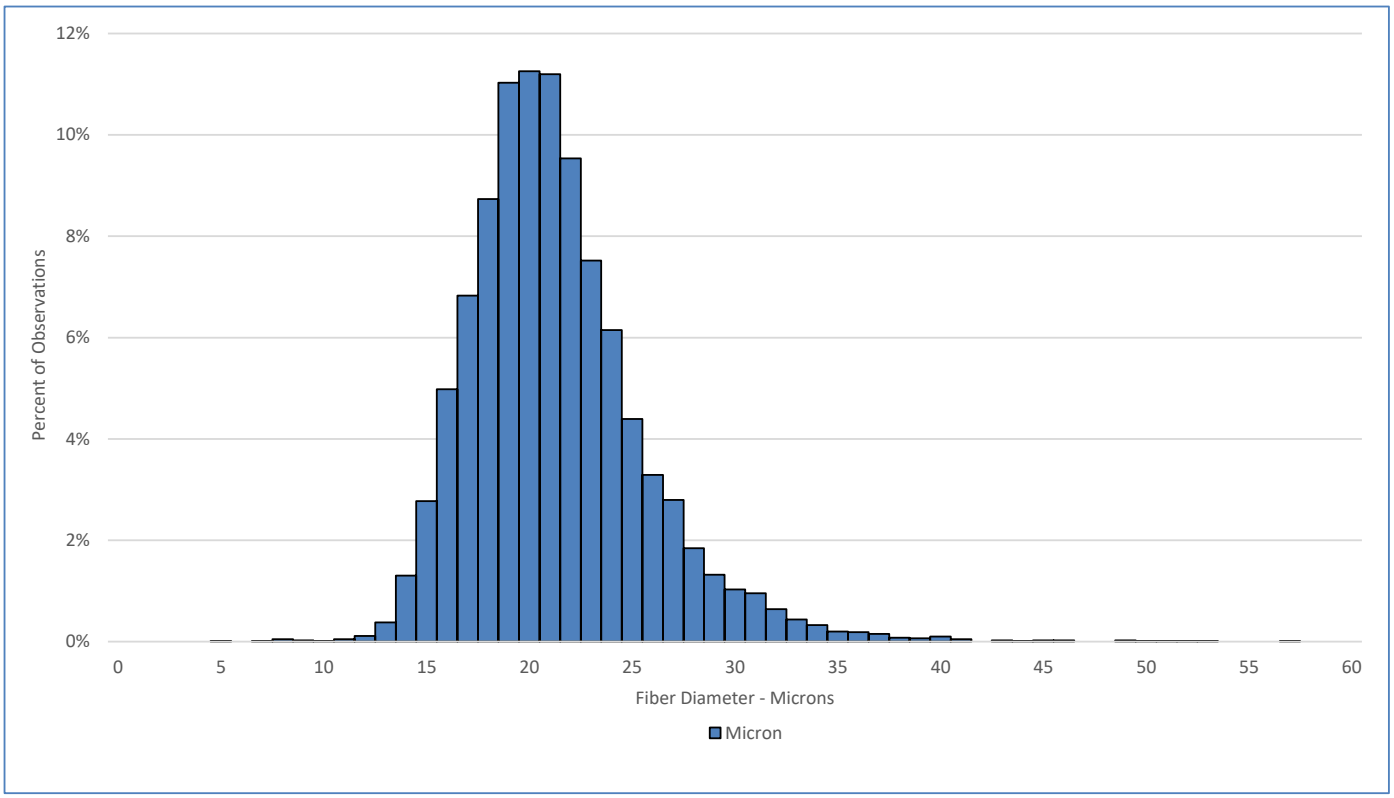
Date: 22-May-26
Shear ID: 281416
Test No: 626192

Animal and Sample Description

Animal Name:	Sawdust's Madrone	Date of Birth (Age):	8-Jul-19
Registry #:	35577294	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	30-Apr-26
Sex:	Male	Previous Shear Date:	21-Apr-25
Colour:	204 - Medium Fawn	Total Fleece Wt (lbs):	4.80

Laboratory Data

Mean Fiber Diameter:	21.3 microns	Mean Staple Length:	91 mm
Standard Deviation:	4.3 microns	Length Standard Deviation:	1.2 mm
Coefficient of Variation:	20.1 %	Length Coefficient of Variation:	1.4 %
Spin Fineness:	20.5 microns	Mean Curvature:	47.7 deg/mm
Fibers Greater Than 30 microns:	3.4 %	SD Curvature:	34.8 deg/mm
Comfort Factor:	96.6 %		



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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