Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sawdust Alpacas
4270 Equestrian Drive, Fallon
NV 89406, US

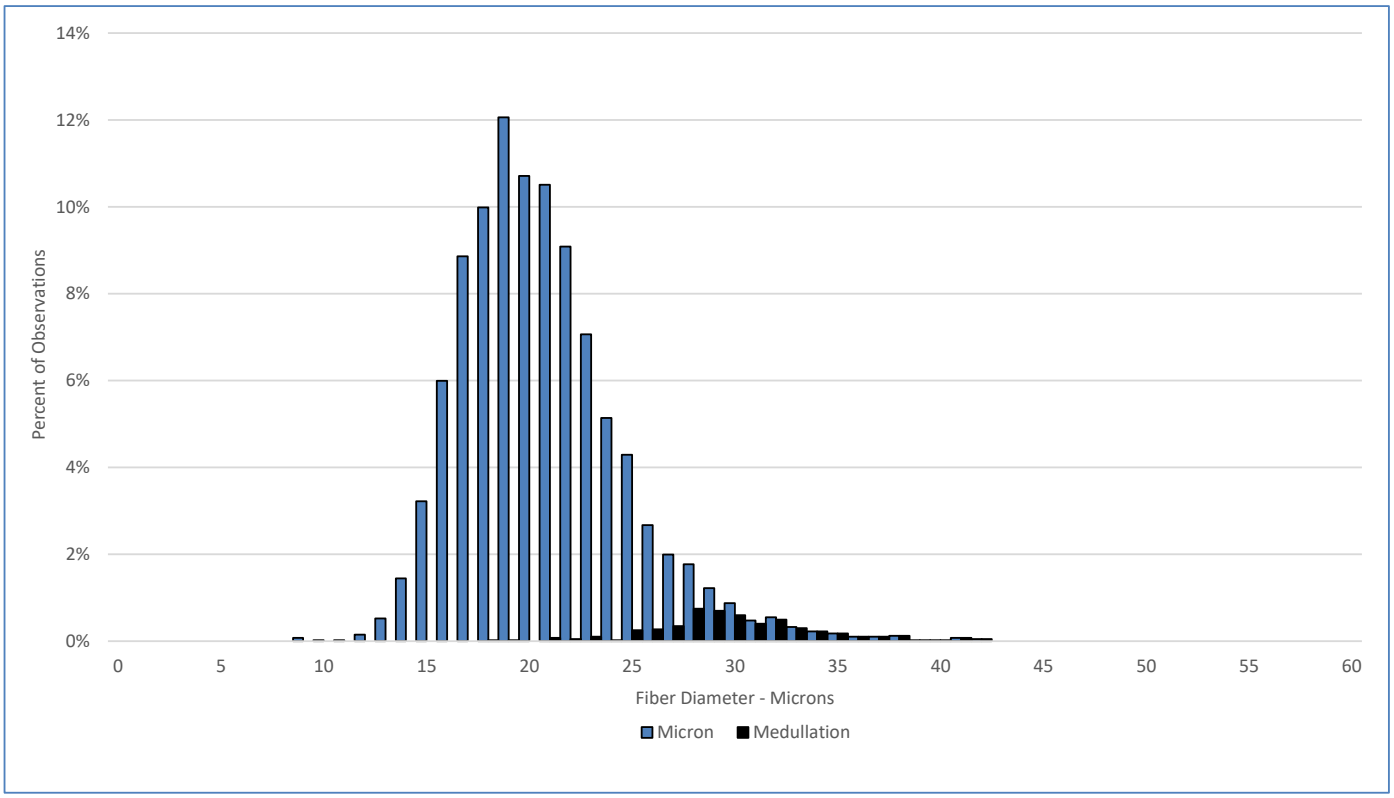
Date: 22-May-26
Shear ID: 281403
Test No: 626179

Animal and Sample Description

Animal Name:	Sawdust's Albizia	Date of Birth (Age):	4-Oct-23
Registry #:	36290222	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	30-Apr-26
Sex:	Male	Previous Shear Date:	21-Apr-25
Colour:	202 - Light Fawn	Total Fleece Wt (lbs):	3.10

Laboratory Data

Mean Fiber Diameter:	20.8 microns	Mean Staple Length:	69 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	2.0 mm
Coefficient of Variation:	21.3 %	Length Coefficient of Variation:	2.8 %
Spin Fineness:	20.3 microns	Mean Curvature:	53.4 deg/mm
Fibers Greater Than 30 microns:	2.3 %	SD Curvature:	36.8 deg/mm
Comfort Factor:	97.7 %	Medullated Fibers:	5.4 %



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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