Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sawdust Alpacas
4270 Equestrian Drive, Fallon
NV 89406, US

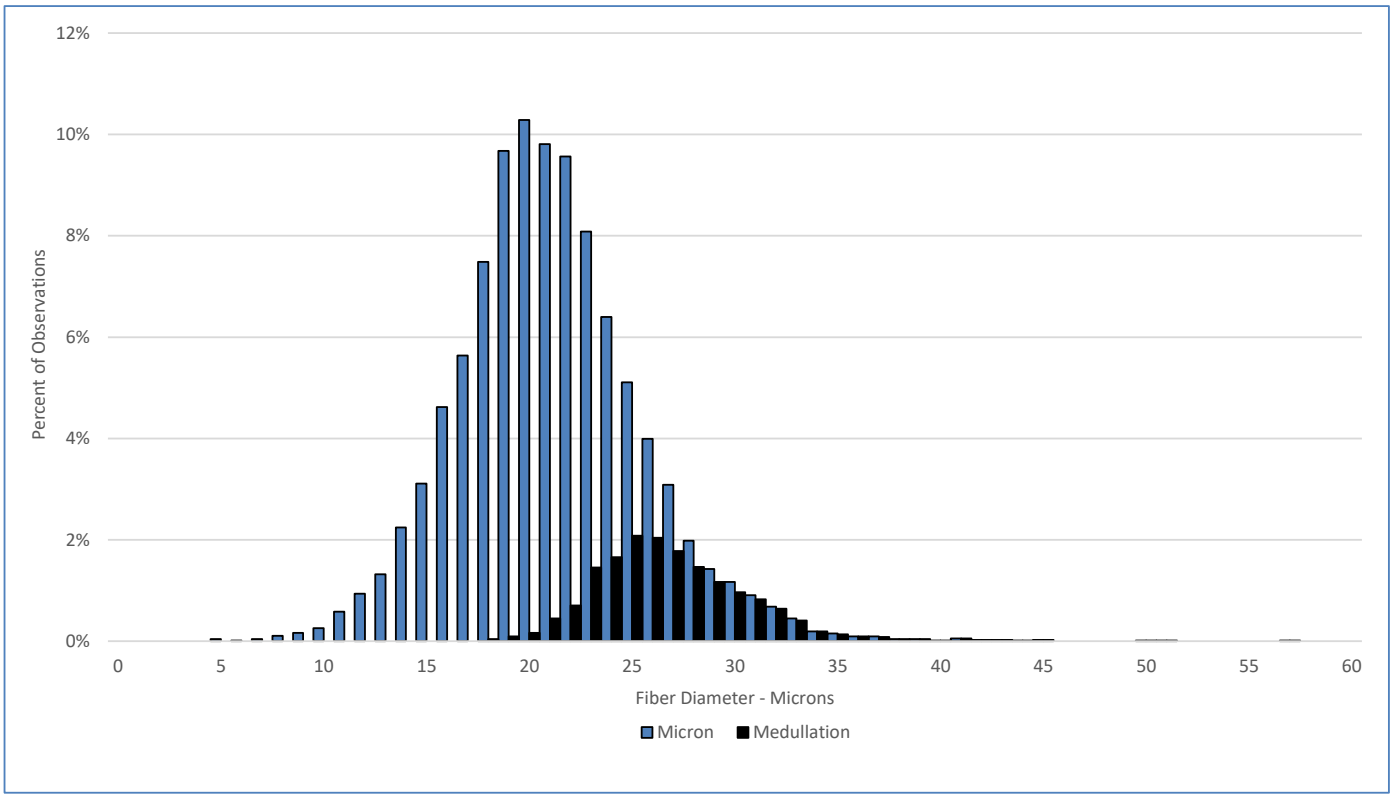
Date: 22-May-26
Shear ID: 281406
Test No: 626182

Animal and Sample Description

Animal Name:	Sawdust's Antiaris	Date of Birth (Age):	27-Sep-24
Registry #:	36290215	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	30-Apr-26
Sex:	Male	Previous Shear Date:	21-Apr-25
Colour:	100 - White	Total Fleece Wt (lbs):	3.14

Laboratory Data

Mean Fiber Diameter:	21.1 microns	Mean Staple Length:	116 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	0.7 mm
Coefficient of Variation:	21.3 %	Length Coefficient of Variation:	0.6 %
Spin Fineness:	20.6 microns	Mean Curvature:	48.7 deg/mm
Fibers Greater Than 30 microns:	2.8 %	SD Curvature:	36.1 deg/mm
Comfort Factor:	97.2 %	Medullated Fibers:	16.7 %



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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