Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Shf Alpacas
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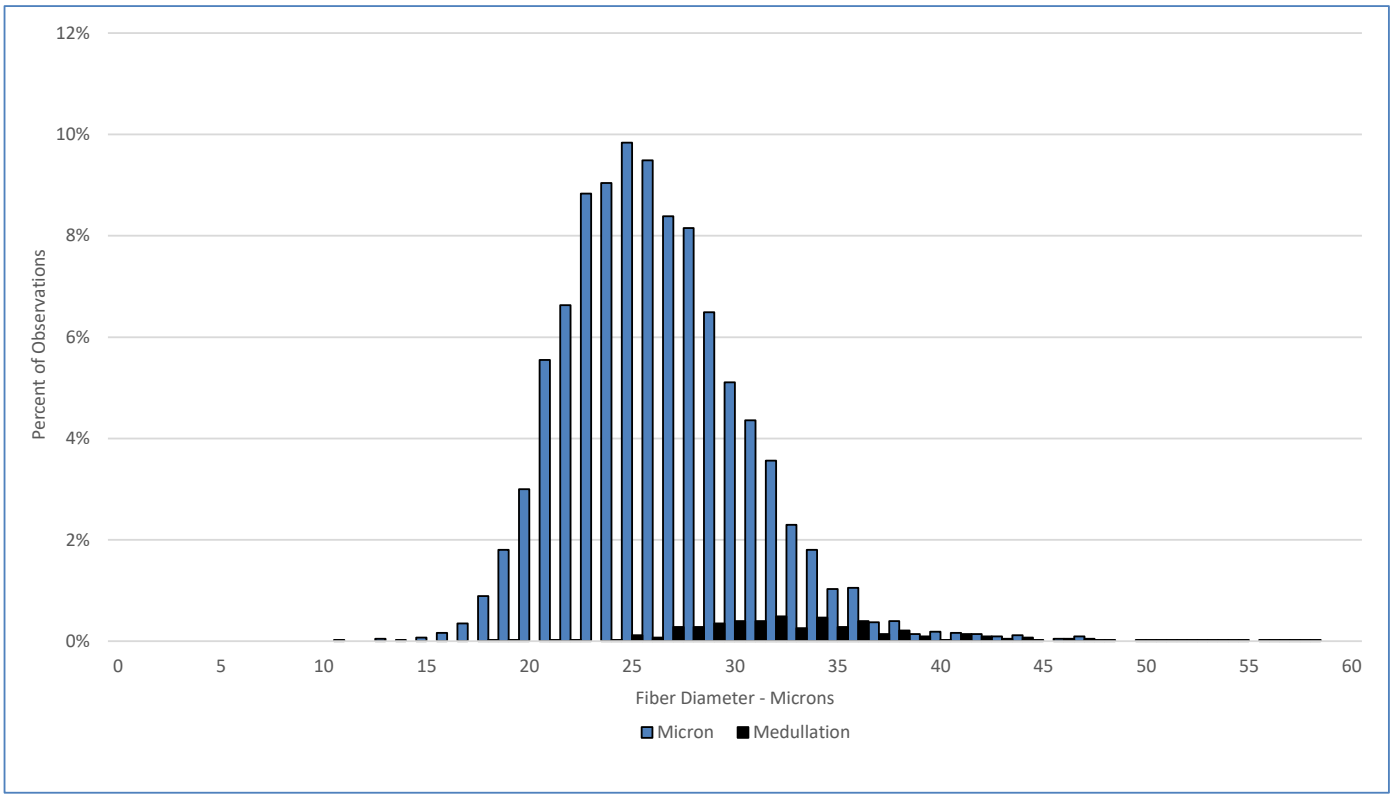
Date: 23-Jun-26
Shear ID: 280416
Test No: 626857

Animal and Sample Description

Animal Name:	ACCOYO AMERICA TICKETY BOO	Date of Birth (Age):	20-Sep-19
Registry #:	36020836	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	28-Apr-26
Sex:	Female	Previous Shear Date:	21-Apr-25
Colour:	100 - White	Total Fleece Wt (lbs):	11.6

Laboratory Data

Mean Fiber Diameter:	26.4 microns	Mean Staple Length:	82 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	2.8 mm
Coefficient of Variation:	17.2 %	Length Coefficient of Variation:	3.4 %
Spin Fineness:	24.9 microns	Mean Curvature:	41.7 deg/mm
Fibers Greater Than 30 microns:	16.1 %	SD Curvature:	30.1 deg/mm
Comfort Factor:	83.9 %	Medullated Fibers:	5.0 %



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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