Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Shf Alpacas
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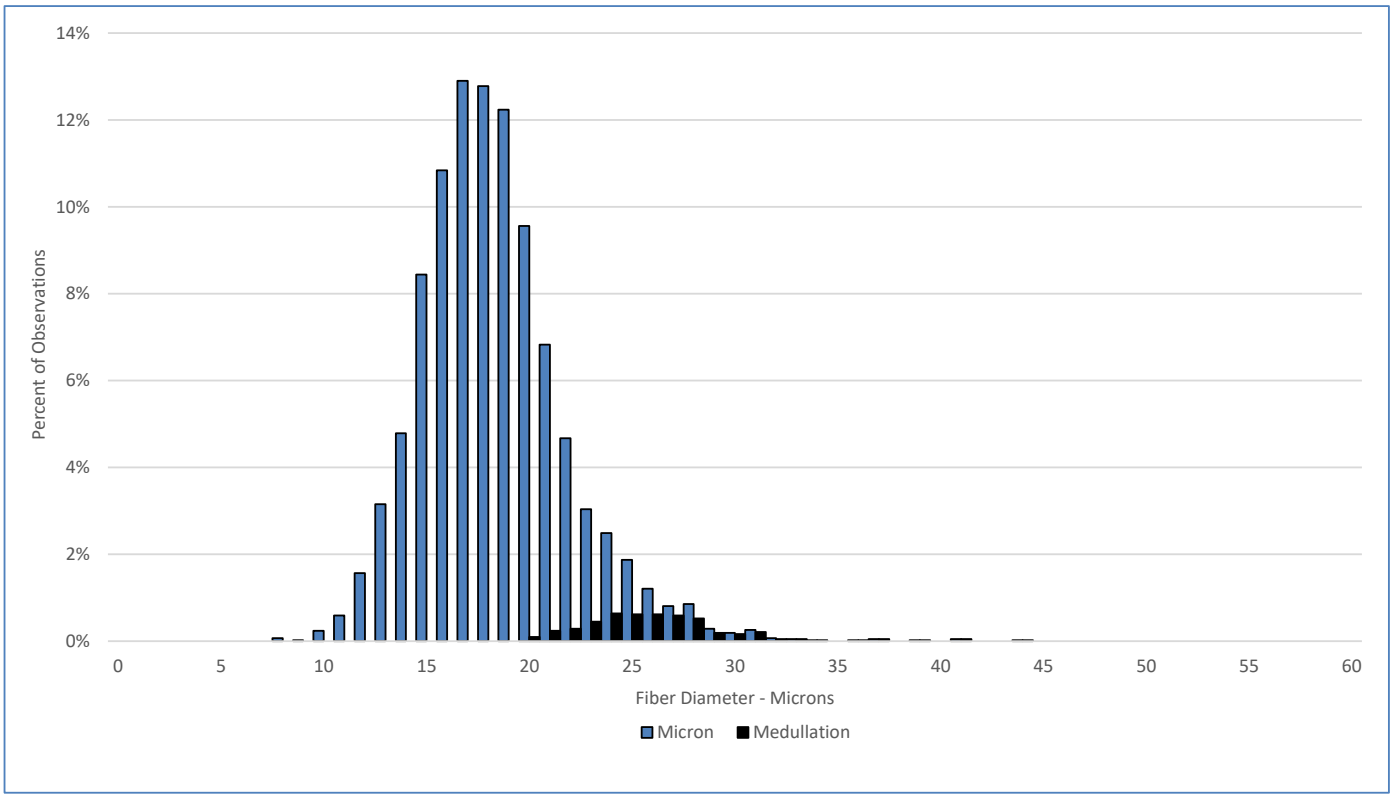
Date: 23-Jun-26
Shear ID: 280424
Test No: 626865

Animal and Sample Description

Animal Name:	Thunder Rolls' Don't Stop Me Now	Date of Birth (Age):	11-Jul-24
Registry #:	35574040	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):	7.4

Laboratory Data

Mean Fiber Diameter:	18.4 microns	Mean Staple Length:	105 mm
Standard Deviation:	3.6 microns	Length Standard Deviation:	0.6 mm
Coefficient of Variation:	19.3 %	Length Coefficient of Variation:	0.6 %
Spin Fineness:	17.7 microns	Mean Curvature:	52.6 deg/mm
Fibers Greater Than 30 microns:	0.6 %	SD Curvature:	35.5 deg/mm
Comfort Factor:	99.4 %	Medullated Fibers:	4.9 %



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

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Authorised Signatory

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