Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Shf Alpacas
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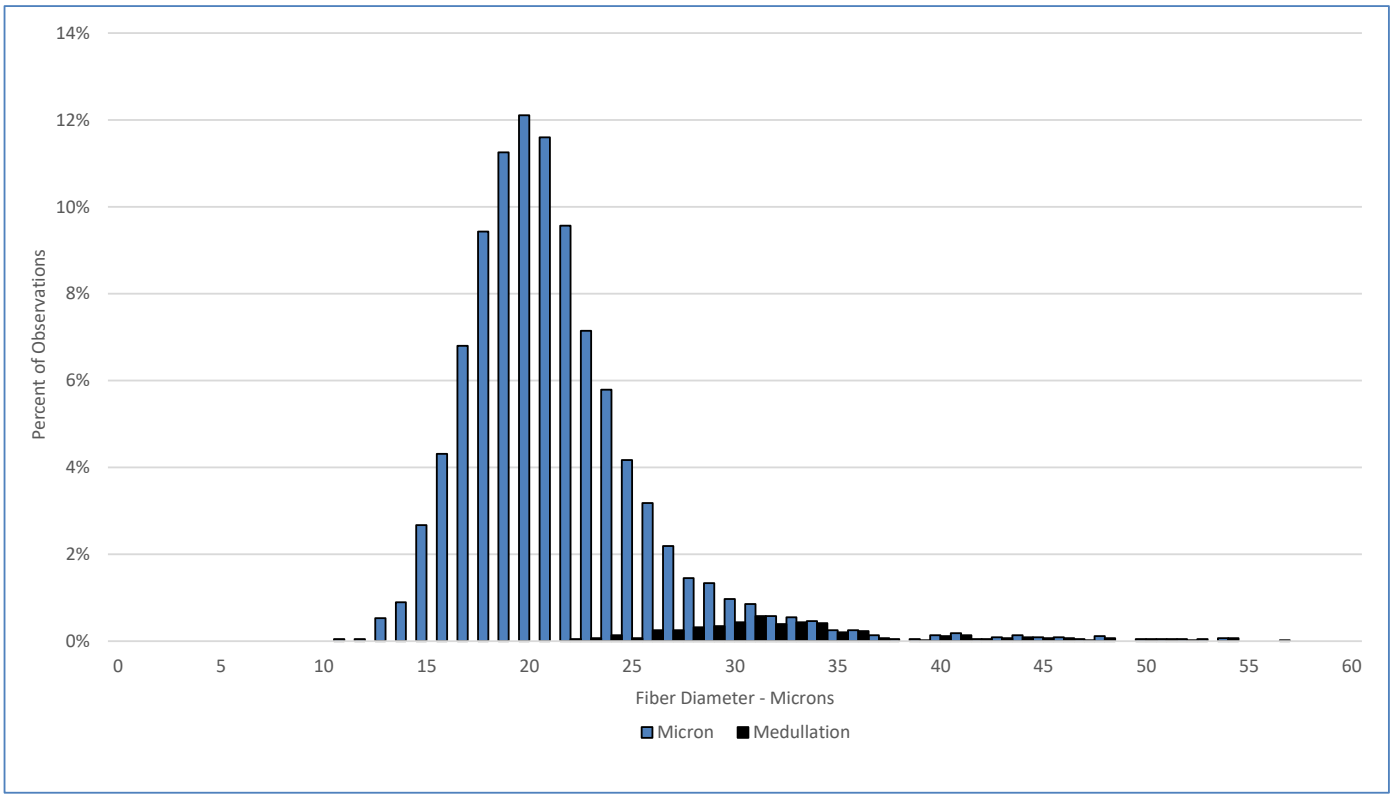
Date: 23-Jun-26
Shear ID: 280414
Test No: 626855

Animal and Sample Description

Animal Name:	BGF POSEIDON ISAAC'S MATOSKAH	Date of Birth (Age):	19-May-12
Registry #:	32350692	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	28-Apr-26
Sex:	Male	Previous Shear Date:	21-Apr-25
Colour:	202 - Light Fawn	Total Fleece Wt (lbs):	5.6

Laboratory Data

Mean Fiber Diameter:	21.5 microns	Mean Staple Length:	77 mm
Standard Deviation:	5.0 microns	Length Standard Deviation:	2.9 mm
Coefficient of Variation:	23.3 %	Length Coefficient of Variation:	3.7 %
Spin Fineness:	21.3 microns	Mean Curvature:	47.3 deg/mm
Fibers Greater Than 30 microns:	4.5 %	SD Curvature:	33.7 deg/mm
Comfort Factor:	95.5 %	Medullated Fibers:	5.2 %



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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