Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sawdust Alpacas
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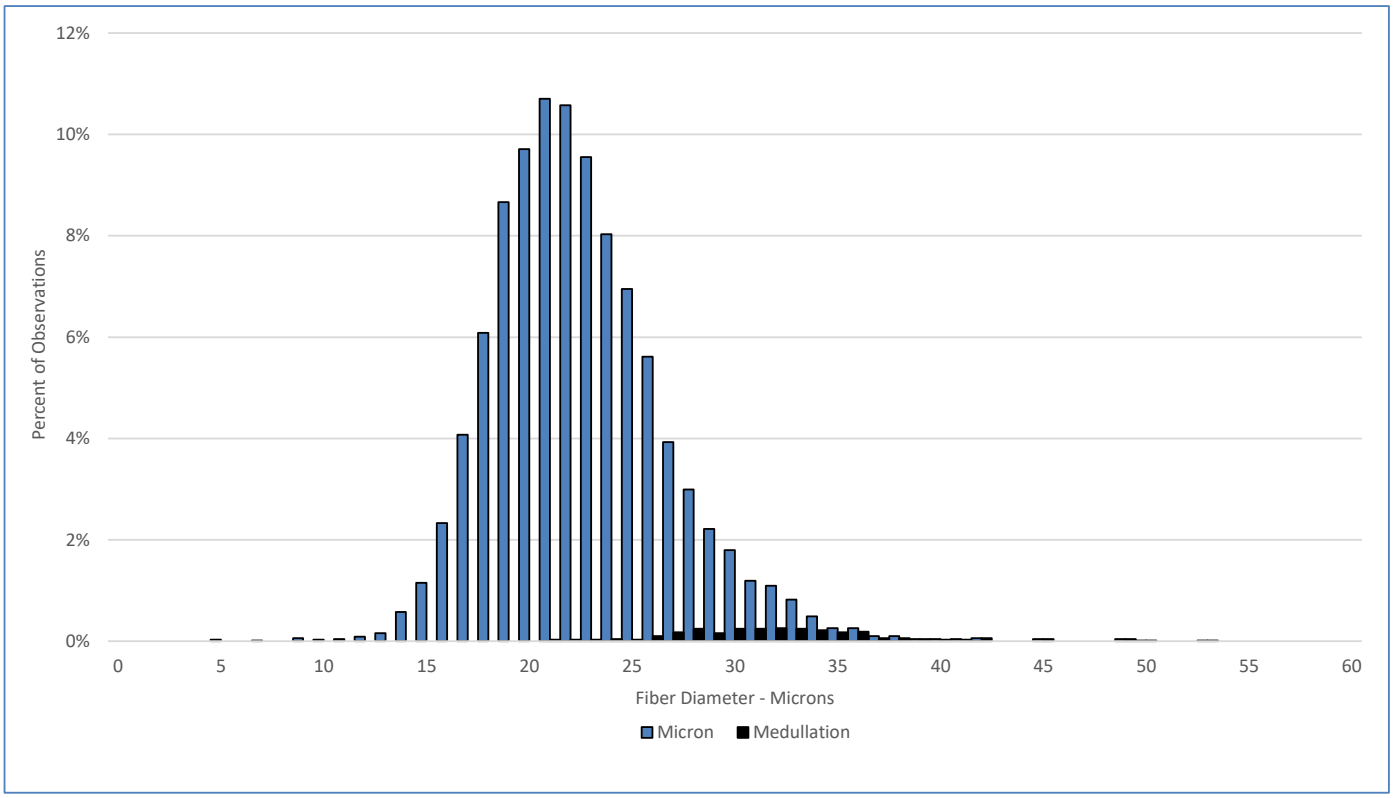
Date: 22-May-26
Shear ID: 281401
Test No: 626177

Animal and Sample Description

Animal Name:	MOUNTAIN SKY'S FROSTED SKYE	Date of Birth (Age):	17-Jul-16
Registry #:	35371984	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	30-Apr-26
Sex:	Female	Previous Shear Date:	21-Apr-25
Colour:	202 - Light Fawn	Total Fleece Wt (lbs):	3.10

Laboratory Data

Mean Fiber Diameter:	22.6 microns	Mean Staple Length:	70 mm
Standard Deviation:	4.4 microns	Length Standard Deviation:	4.7 mm
Coefficient of Variation:	19.3 %	Length Coefficient of Variation:	6.8 %
Spin Fineness:	21.7 microns	Mean Curvature:	51.3 deg/mm
Fibers Greater Than 30 microns:	4.6 %	SD Curvature:	36.9 deg/mm
Comfort Factor:	95.4 %	Medullated Fibers:	2.8 %



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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