Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

La Vida Alpacas
15631 159th Ln SE, Yalm
WA 98597, US

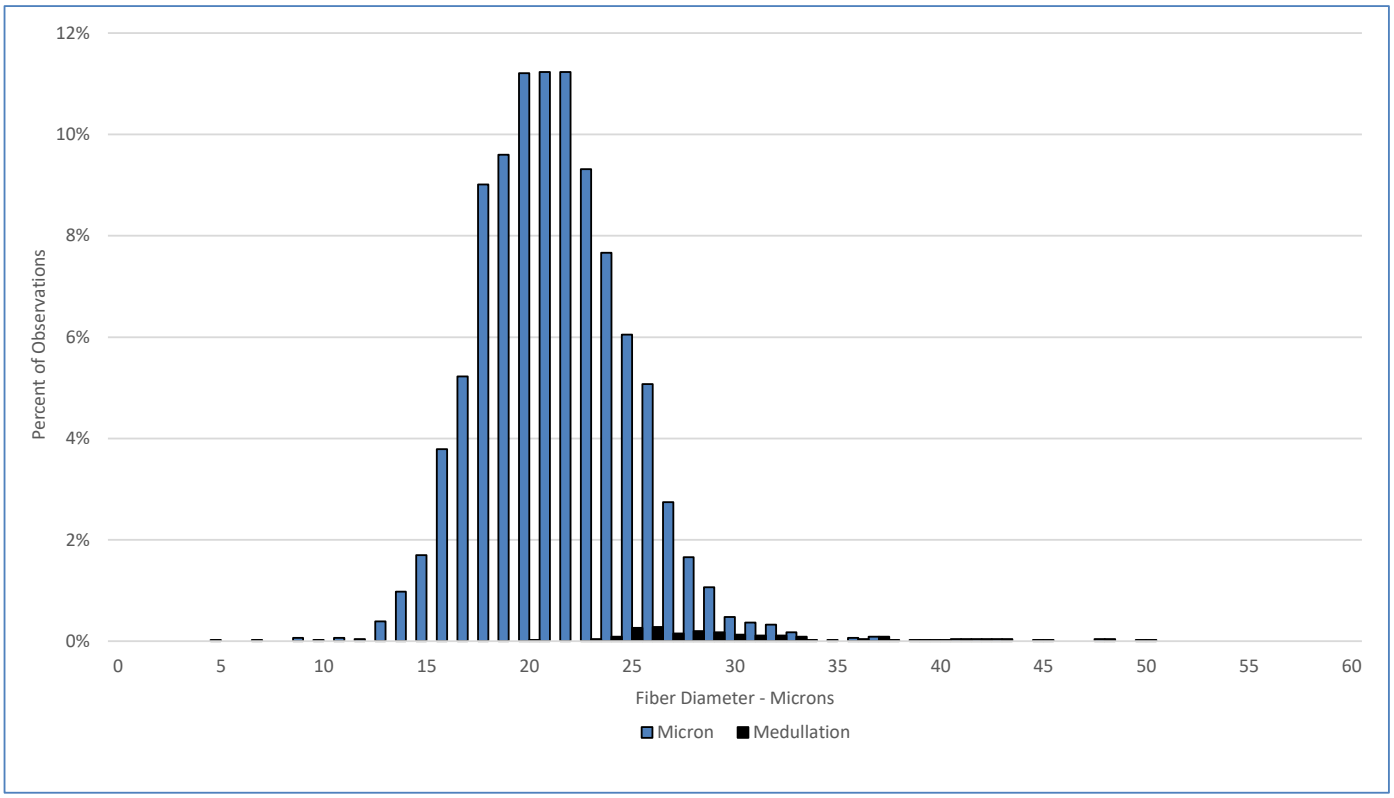
Date: 20-Aug-26
Shear ID: 284618
Test No: 627972

Animal and Sample Description

Animal Name:	Delilah of La Vida Alpaca	Date of Birth (Age):	10-Jun-23
Registry #:	36227136	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	24-May-26
Sex:	Female	Previous Shear Date:	25-May-25
Colour:	100 - White	Total Fleece Wt (lbs):	7.52

Laboratory Data

Mean Fiber Diameter:	21.4 microns	Mean Staple Length:	110 mm
Standard Deviation:	3.7 microns	Length Standard Deviation:	3.5 mm
Coefficient of Variation:	17.3 %	Length Coefficient of Variation:	3.2 %
Spin Fineness:	20.2 microns	Mean Curvature:	47.4 deg/mm
Fibers Greater Than 30 microns:	1.3 %	SD Curvature:	36.7 deg/mm
Comfort Factor:	98.7 %	Medullated Fibers:	2.0 %



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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SGS NZ LTD - 48 Kemp Street, Kilbirnie 6022, Wellington, New Zealand. Tel: 64-4-387 8565 Email: WoolOnline@sgs.com Web: www.wooltesting.sgs.com