Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sunny Alpacas
9200 Spooner Creek Ln, Blaine
WA 98230, US

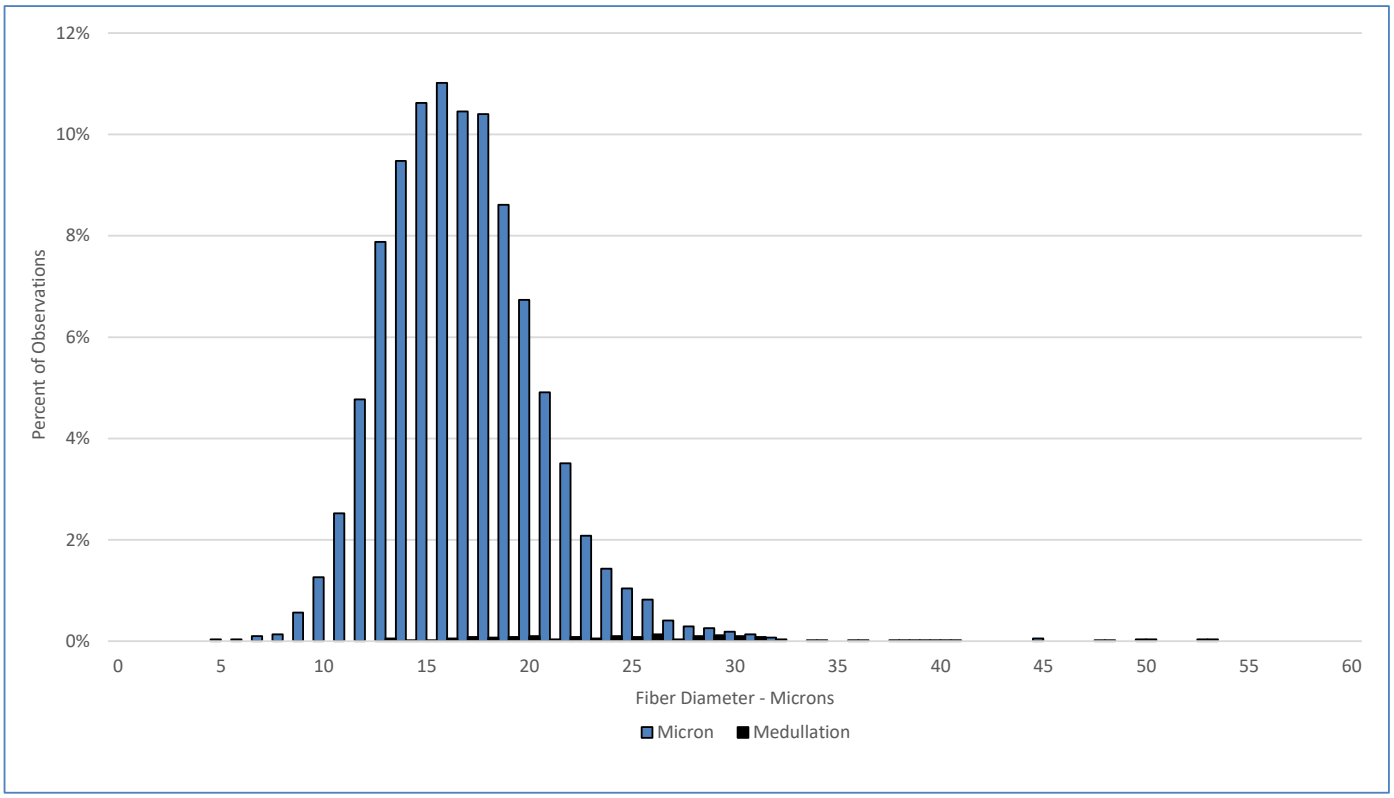
Date: 11-Sep-26
Shear ID: 286813
Test No: 628697

Animal and Sample Description

Animal Name:	Sunny Magnum Zoa	Date of Birth (Age):	11-Jul-25
Registry #:	36342617	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	1-Jun-26
Sex:	Female	Previous Shear Date:	17-Aug-25
Colour:	202 - Light Fawn	Total Fleece Wt (lbs):	4.0

Laboratory Data

Mean Fiber Diameter:	17.0 microns	Mean Staple Length:	99 mm
Standard Deviation:	3.9 microns	Length Standard Deviation:	4.1 mm
Coefficient of Variation:	23.0 %	Length Coefficient of Variation:	4.1 %
Spin Fineness:	16.8 microns	Mean Curvature:	50.9 deg/mm
Fibers Greater Than 30 microns:	0.4 %	SD Curvature:	39.8 deg/mm
Comfort Factor:	99.6 %	Medullated Fibers:	1.6 %



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