Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Shf Alpacas
9955 Masters Road, Waynesboro
PA 17268, US

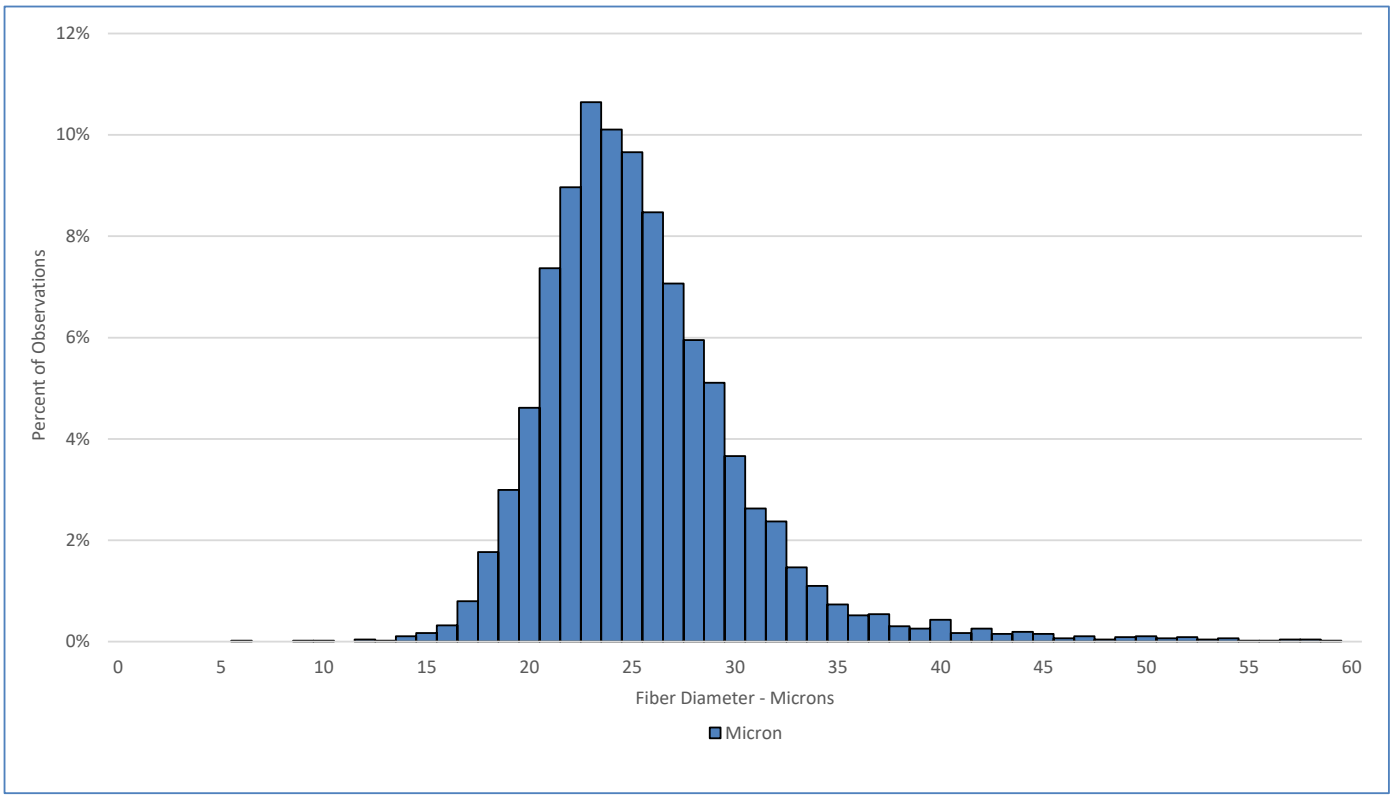
Date: 23-Jun-26
Shear ID: 280413
Test No: 626854

Animal and Sample Description

Animal Name:	SUGAR HOLLOW'S RHIANNON	Date of Birth (Age):	22-May-11
Registry #:	32169744	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	28-Apr-26
Sex:	Female	Previous Shear Date:	21-Apr-25
Colour:	500 - True Black	Total Fleece Wt (lbs):	5.6

Laboratory Data

Mean Fiber Diameter:	25.5 microns	Mean Staple Length:	92 mm
Standard Deviation:	5.1 microns	Length Standard Deviation:	1.6 mm
Coefficient of Variation:	20.0 %	Length Coefficient of Variation:	1.7 %
Spin Fineness:	24.6 microns	Mean Curvature:	40.6 deg/mm
Fibers Greater Than 30 microns:	12.1 %	SD Curvature:	30.4 deg/mm
Comfort Factor:	87.9 %		



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

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