Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Sawdust Alpacas
4270 Equestrian Drive, Fallon
NV 89406, US

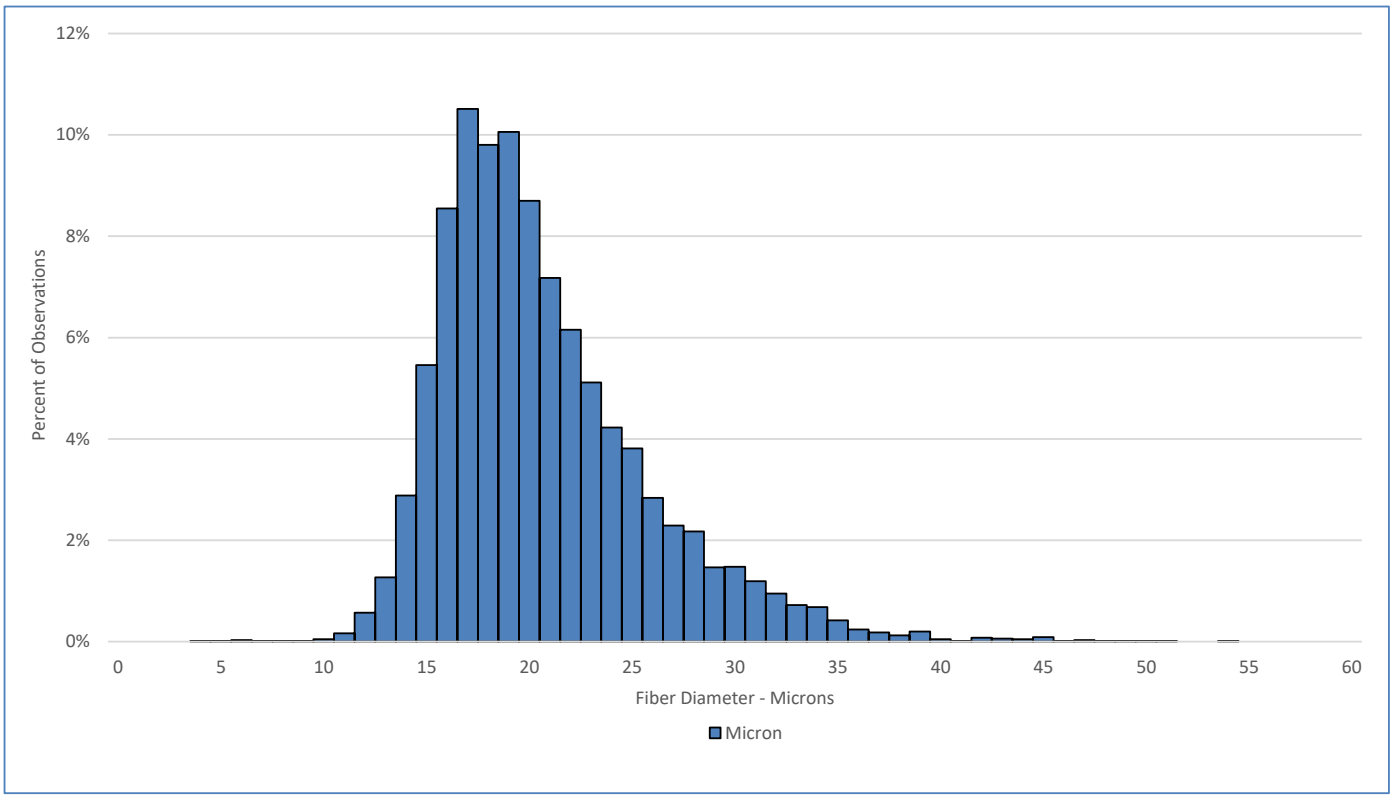
Date: 22-May-26
Shear ID: 281405
Test No: 626181

Animal and Sample Description

Animal Name:	SAWDUST'S ALMOND THUNDER	Date of Birth (Age):	4-Apr-17
Registry #:	35222385	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	30-Apr-26
Sex:	Male	Previous Shear Date:	21-Apr-25
Colour:	301 - Medium Brown	Total Fleece Wt (lbs):	4.00

Laboratory Data

Mean Fiber Diameter:	20.7 microns	Mean Staple Length:	74 mm
Standard Deviation:	5.1 microns	Length Standard Deviation:	3.9 mm
Coefficient of Variation:	24.7 %	Length Coefficient of Variation:	5.3 %
Spin Fineness:	20.8 microns	Mean Curvature:	50.7 deg/mm
Fibers Greater Than 30 microns:	5.2 %	SD Curvature:	37.4 deg/mm
Comfort Factor:	94.8 %		



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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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