Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Stoneberg Alpalcas Llc
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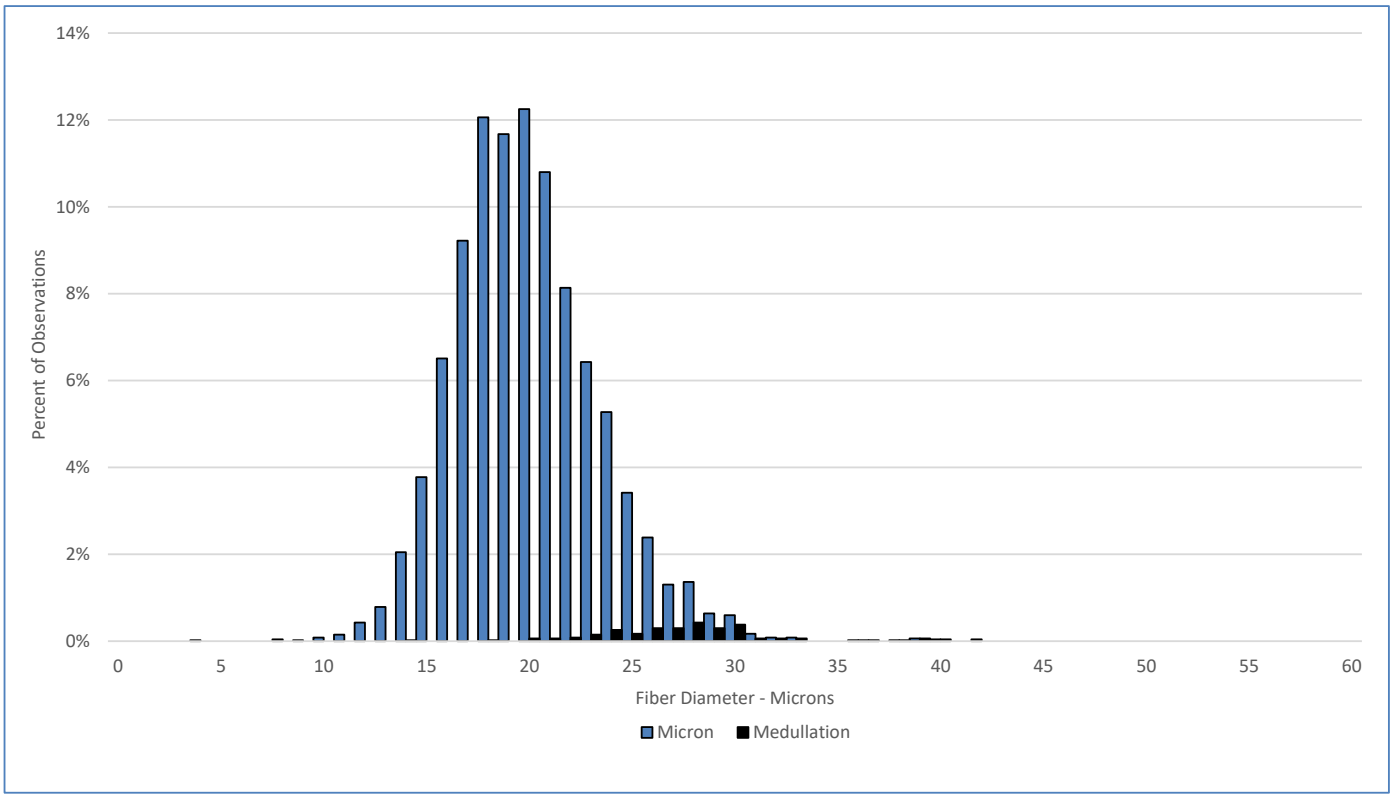
Date: 11-Sep-26
Shear ID: 288008
Test No: 628740

Animal and Sample Description

Animal Name:	STONEBERG's Grin	Date of Birth (Age):	24-Jun-20
Registry #:	36144389	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	4-May-26
Sex:	Female	Previous Shear Date:	13-Apr-25
Colour:	100 - White	Total Fleece Wt (lbs):	

Laboratory Data

Mean Fiber Diameter:	20.1 microns	Mean Staple Length:	92 mm
Standard Deviation:	3.6 microns	Length Standard Deviation:	2.9 mm
Coefficient of Variation:	18.0 %	Length Coefficient of Variation:	3.1 %
Spin Fineness:	19.1 microns	Mean Curvature:	52.9 deg/mm
Fibers Greater Than 30 microns:	0.6 %	SD Curvature:	37.8 deg/mm
Comfort Factor:	99.4 %	Medullated Fibers:	2.9 %



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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