Optical Fiber Diameter Analyser (OFDA100)
Micron Test Report

Stoneberg Alpalcas Llc
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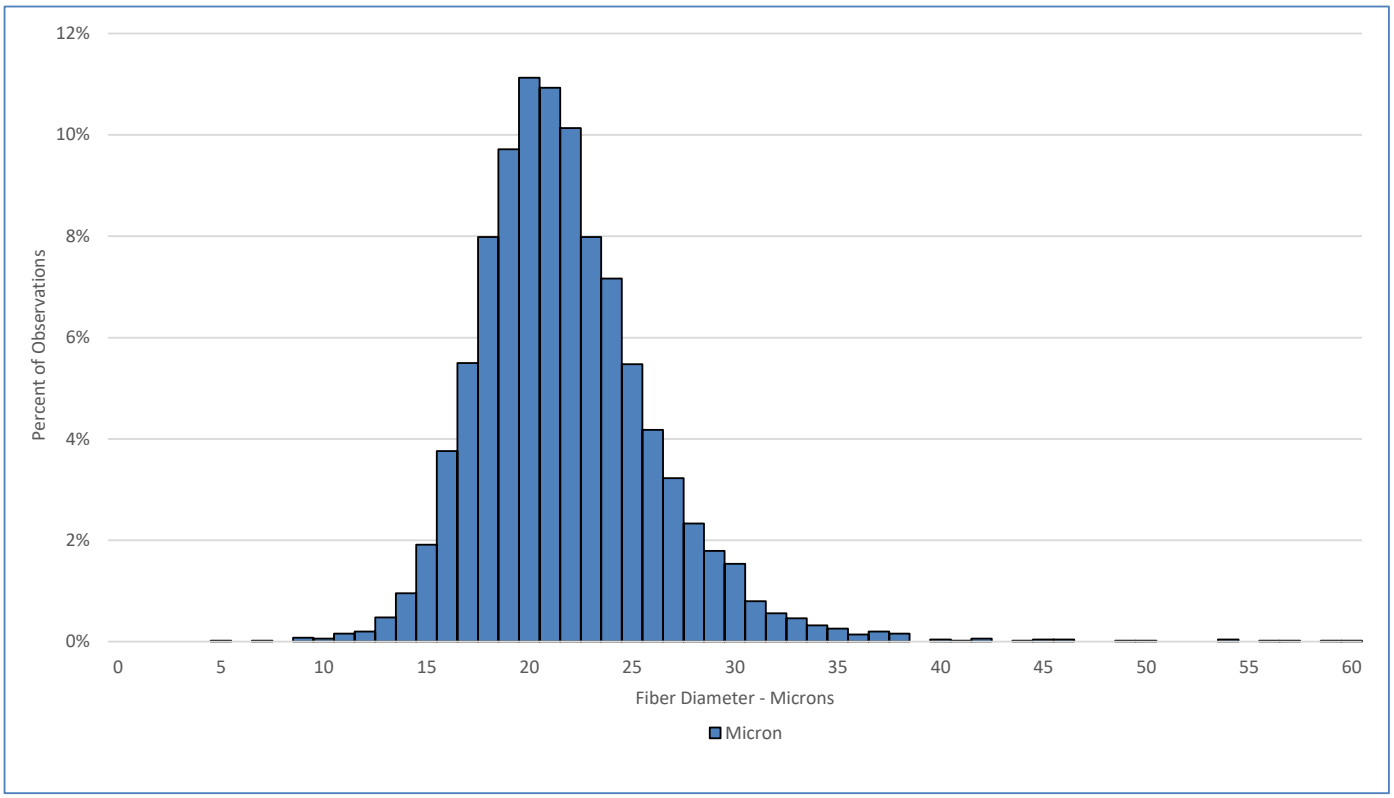
Date: 11-Sep-26
Shear ID: 288009
Test No: 628741

Animal and Sample Description

Animal Name:	STONEBERG's Hailey Kinsel	Date of Birth (Age):	28-May-22
Registry #:	36102228	Sample Location:	GRID
Breed:	Huacaya	Sample Date:	4-May-26
Sex:	Female	Previous Shear Date:	13-Apr-25
Colour:	204 - Medium Fawn	Total Fleece Wt (lbs):	

Laboratory Data

Mean Fiber Diameter:	21.8 microns	Mean Staple Length:	91 mm
Standard Deviation:	4.5 microns	Length Standard Deviation:	1.9 mm
Coefficient of Variation:	20.5 %	Length Coefficient of Variation:	2.1 %
Spin Fineness:	21.1 microns	Mean Curvature:	53.3 deg/mm
Fibers Greater Than 30 microns:	3.3 %	SD Curvature:	39.1 deg/mm
Comfort Factor:	96.7 %		



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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